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MONTANA HIGHWAY DEPARTMENT

OCT 20 1976

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

OCTOBER 18, 1976

MONTANA
DIVISION
CONSTRUCTION
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H J Anderson, Director
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MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
OCTOBER 15, 1976

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending October 15, 1976:

G E N E R A L

Skies have been mostly clear, temperatures moderate, and precipitation light the past two weeks. Progress has been fair on most projects.

P R E C O N S T R U C T I O N

I 90-1(12)22, Drexel - East & West — VTN, Inc., Consultant
Bridge Design — Helena, Montana
Work is continuing on the design. The contract is 96% complete.

I 90-1(12), Drexel - East & West — Menasco-McGuinn Associates
Length - 5.8 Miles — Helena, Montana
There has been no word from the consultants.

I 90-1(13)39-43, Sloway - East & West — Henningson, Durham & Richardson
I 90-1(40)43-47, Superior - West — Helena, Montana, Consultants
F 254(10), LaVista - Superior Primary — Est. Comp. Date - Oct. 31, 1976
Work is continuing on right of way, summaries, and miscellaneous details on Sloway - East and West and on Superior - West. The necessary revisions are being made on the Superior structures.A review of the line change by the bridge over the C. M. St. P. and P. Railroad on the LaVista - Superior primary is being made. The roadway section of the contract is 87.5% complete, bridge section 99.9%, and the total contract as a unit is 94.6% complete.

I 90-1(77)22, Drexel - East & West — L. D. Claridge, Field Proj. Mgr.
Length - 5.342 Miles - Construction Staking — St. Regis, Mont., Phone 649-2471
Construction layout remains 28% complete. Personnel are currently working on other assignments.

RS 4(10), State Route 269 - Stevensville — Personnel Unassigned
Length - 0.5± Mile, Preliminary Engineering
Work will be started when personnel are available.

M-RS 000S(53), Missoula County — Personnel Unassigned
Signs & Traffic Control Devices
Contract Scheduled for Letting Oct. 28, 1976

RF 192(9), Arlee Safety — Personnel Unassigned
Topography Survey
Work will be started when personnel are available.

F 197(8), Dixon - Ravalli — Personnel Unasigned
Length - 8.5± Miles, Preliminary Engineering
Work will be started when personnel are available.

F 219(36), DeSmet - Evaro — C. W. Hegman, Field Proj. Mgr.
Length - 5.3 Miles — Missoula, Mont., Phone 549-6491
Survey Started Dec. 18, 1975 — Est. Comp. Date - Pending
Work has been temporarily suspended. The survey remains 96% complete.

S 221(3), Thompson Falls - West — H. J. Smith, Designer II
Length - 4.3 Miles — Missoula, Mont., Phone 549-6491
Work the past week consisted of computing subcut excavation. A survey crew is extending cross sections and gathering additional information on creek crossings. The design is 57% complete.

S 221(7), Thompson Falls - West — H. J. Smith, Designer II
Length - 4.31 Miles — Missoula, Mont., Phone 549-6491
Design data were submitted to Helena on October 7, 1976 for final checking.

RF 223(6), Plains - Paradise — Personnel Unassigned
Length - 6.9± Miles, Preliminary Engineering
Work will be started when personnel are available.

RS 360(3), Rattlesnake Cr. Bridge, Missoula — Personnel Unassigned
Length - 0.1± Mile, Preliminary Engineering
Work will be started when personnel are available.

RS 360(4), Intersection of Rattlesnake Drive & Lincolnwood, Missoula, Preliminary Engineering — Personnel Unassigned
Work will be started when personnel are available.

M 8114 - Missoula — Personnel Unassigned
5th & 6th to 7th Streets
Work will be started when personnel are available.

M 8199(3), Missoula Intersections — Personnel Unassigned
Preliminary Engineering
Work will be started when personnel are available.

C O N S T R U C T I O N

I 90-1(80)0, Lookout Pass - East — Northwest Construction, Inc.
Length - 10.732 Miles, AGS-PMS-G. Rail-Sign — Kirkland, Washington, Contractor
Contract Awarded May 6, 1975 — C. R. Owen, Field Proj. Mgr.
Amount of Contract - $5,359,850.07 — Saltese, Mont., Phone 678-4346
Work Started June 30, 1975 — Contract Time - 200 Working Days
Work Proceed Date - May 28, 1975 — Prob. Comp. Date - Nov. 5, 1976
Progress has been good the past two weeks. Type III plant mix and bit. curb have been completed. Joint sealing has been completed at the ends to the approach slabs, and epoxy is being placed in the transverse random cracks. Crushing has been

I 90-1(80)0, cont'd.

completed, and cleanup of the Brimstone pit remains to be accomplished. Installation of guard rail posts is expected to be completed this week. Items remaining to be done are hanging of rail and tightening of same, placing of plant mix around the posts, and permanent sign installation. The project as a whole is 95% complete with 73% of the contract time elapsed. Twenty-five men are working shifts of various lengths. Construction layout, with a 6-man engineering crew engaged, is 95% complete.

I 90-1(50)16, U-1 & I 90-1(52)11, U-1
DeBorgia - East & West & Saltese - Haugan
Length - 10.828 Miles, GR-AGG. SURF-PMB
Contract let Dec. 14, 1972
Amount of Contract - $5,533,558.78
Work Started Feb. 15, 1973
Washington Construction Co.
Missoula, Mont., Contractor
Carl E. Smith, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 350 Calendar Days
Completed - Aug. 12, 1976
Final data will be submitted to the Division office about Dec. 10, 1976.

I 90-1(77)22, U-1, Drexel - East & West
Length - 455.0-Ft. & 638.0-Ft. Composite Steel & Girder Bridges over the St. Regis River
Contract let July 2, 1975
Amount of Contract - $2,282,935.00
Work Started Aug. 19, 1975
Hensel-Phelps Const. Co.
Vancouver, Wash. Contractor
Jack Silvey, Engr. Tech. 3
Superior, Mont., Phone 649-2471
Contract Time - 140 Working Days
Prob. Comp. Date - Nov. 19, 1976
At Sta. 169, Concrete finishing has been completed at Bents 2 and 3. At Sta. 183, concrete was placed in the cap at Bent 2, which completes concrete work on the project. Finishing of concrete is underway at Bents 3 and 4. The work bridges(1 & 2) have been removed. Cleanup of site is underway. The project as a whole is 34% complete with all of the contract time elapsed. Thirteen men are working on five 10-hour shifts per week. Construction layout, with 2 engineers engaged, is 85% complete.

I 90-1(77)22, U-2, Drexel - East & West
Length - 0.5 Mile, Grading & Detours
Contract let June 10, 1976
Amount of Contract - $1,453,180.88
Work Started July 6, 1976
Work Proceed Date - July 6, 1976
Washington Construction Co.
Missoula, Mont., Contractor
L. D. Claridge, Field Proj. Mgr.
St. Regis, Mont., Phone 649-2471
Contract Time - 120 Working Days
Prob. Comp. Date - July 1, 1977
Progress has been good. Detours 1 and 2 were paved and opened to traffic on Oct. 1, 1976. Excavation is being hauled from the cut at Sta. 175± to the fill at Sta. 165±. The project as a whole is 55% complete with 56% of the contract time elapsed. Thirty-six men are working on ten 9-hour shifts per week. Construction layout, with a 7-man engineering crew engaged, is 80% complete.

I 90-1(59)35, U-2, Sloway Interchange
Length - Dual 128.0-Ft. Prestressed Concrete Girder Overpass
Contract let May 15, 1975
Amount of Contract - $324,775.51
Work Started July 2, 1975
Hightower & Wallace Const. Co.
Missoula, Mont., Contractor
George Roat, Field Proj. Mgr.
Superior, Montana
Contract Time - 130 Working Days
Completed - July 28, 1976
Final data have been returned to the field for correction.

I 90-1(87)45, Superior - West
Length - 544.5-Ft. Composite Steel & Concrete Girder Bridge over the Clark Fork River
Contract let June 26, 1975
Amount of Contract - $1,084,707.40
Work Started Aug. 25, 1976

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
George Roat, Field Project Mgr.
Superior, Montana
Contract Time - 250 Working Days
Prob. Comp. Date - May 30, 1977

Work the past week has consisted of driving sheetpile and excavating the cofferdam at Pier 3 and forming the backwall at Bent 5. The project as a whole is 26% complete with 62% of the contract time elapsed. Ten men are working five 10-hour shifts per week. Construction layout, with a 4-man engineering crew engaged, is 30% complete.

I 90-2(51)78, U-3, Huson - West
Length - 1,020.0-Ft. Composite Steel & Concrete Girder Bridge over Clark Fork & Emb. Approaches
Contract let Aug. 16, 1974
Amount of Contract - $2,367,500.00
Work Started Oct. 9, 1974

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
William C. Maart, Field Proj. Mgr.
Missoula, Mont., Phone 722-4461
Contract Time - 280 Working Days
Prob. Comp. Date - May 30, 1977

The contractor is grinding high spots on the deck, painting structural steel and finishing concrete on the bridge. General finishing work is underway on the subgrade. The project as a whole is 95% complete with 88% of the contract time elapsed. Twelve men are working five 8-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 90% complete.

RF 164(20), Philipsburg - South
Length - 7.7 Miles, PMB-Seal & Cover, Sign & Lighting
Contract let May 13, 1976
Amount of Contract - $591,661.11
Work Started May 26, 1976

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Prob. Comp. Date - Nov. 15, 1976

Progress has been good the past two weeks. Pavement marking has been completed, and 8500 lin. feet of guard rail has been installed. Work is also underway on pit reclamation. The project as a whole is 90% complete with 87% of the contract time elapsed. Ten men are working five 8-hour shifts per week. Construction layout, with a 7-man engineering crew engaged, is 98% complete.

RF 186(9), Perma - East
Length - 3.6 Miles, PM-Surf-Seal-Cover-G. Rail
Contract let June 26, 1975
Contract Amount - $402,977.50
Work Started Aug. 25, 1975
Work Proceed Date - July 22, 1975

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Completed - Aug. 9, 1976

Final data will be submitted to the Division office about November 12, 1976.

F 215(23), Florence - Lolo &
F 259(16), Florence - North & South
Length - 9.344 Miles, G-GS-PMS, Sign & Fence
Contract let Sept. 19, 1973
Amount of Contract - $1,579,040.37
Work Started Oct. 24, 1973
Work Proceed Date - Oct. 16, 1973

Washington Construction Co.
Missoula, Mont., Contractor
Gerald Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 330 Calendar Days
Completed - Oct. 27, 1975

Final data will be submitted to Helena about October 29, 1976.

F 215(25) & F 9999(5), U-3, City of Missoula
Length - 6.8 Miles
Contract let Sept. 20, 1973
Amount of Contract - $175,736.13
Work Started Feb. 19, 1974
Work Proceed Date - Oct. 18, 1973
Final data will be submitted to the Division office about Oct. 25, 1976.

Rainbow Electric, Contractor
Great Falls, Montana
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Calendar Days
Completed - Nov. 18, 1975

HHS 219(1), FF 219(32) & HHS 219(35)
DeSmet Interchange - North, Evaro - North &
South & Evaro Hill
Length - 10.595 Miles, Missoula & Lake Counties
Contract let Feb. 26, 1976
Amount of Contract - $876,235.40
Work Started April 30, 1976
Work Proceed Date - April 16, 1976
Two engineers are compiling final data for submittal to the Division office about November 1, 1976.

McIntyre Const. Co. & S. Birch, Inc.
Great Falls, Mont., Contractor
C. W. Hegman, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 110 Working Days
Completed Sept. 29, 1976

RS 343(12), Avon - Helmville
Length - 5.1 Miles, G-AGG. Surf.-PMB-Widen &
Guard Rail Revision
Contract let May 27, 1976
Amount of Contract - $1,168,747.12
Work Started July 7, 1976
Embankment is being placed from Sta. 617± to Sta. 870± and pipe is being placed throughout the project. All three bridges are being widened and headwalls are being formed for the multi-plate pipes. The project as a whole is 26% complete with 45% of the contract time elapsed. Thirty-eight men are working six 8-hour shifts per week. Construction layout, with a 10-man engineering crew engaged, is 65% complete.

Washington Construction Co.
Missoula, Mont., Contractor
Gerald P. Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 150 Working Days
Prob. Comp. Date - Aug. 15, 1977

M-RS 0005(51) & M 8199(2), U-1
Signing & Delineation - Missoula County
Contract let Sept. 30, 1975
Amount of Contract - $77,620.20
Work Started March 17, 1976
Work Proceed Date - Oct. 22, 1976
One man worked one 8-hour shift, taking care of minor details. The project as a whole is 99% complete with 78% of the contract time elapsed. Construction layout, with one engineer engaged, is 99% complete.

Skinner Enterprises, Contractor
Helena, Montana
J. E. Hughes, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Working Days
Prob. Comp. Date - Oct. 22, 1976

M 8107(2), City of Missoula
Signalization of Intersections
Contract let Sept. 30, 1975
Amount of Contract - $144,725.75
Work Started Nov. 17, 1975
Work Proceed Date - Oct. 22, 1975
Work remaining consists of installing two switch packs and doing some minor cleanup. The project as a whole is 99% complete with 76% of the contract time elapsed. There has been no work the past two weeks. Construction layout, with 2 engineers engaged, is 99% complete.

Skinner Enterprises, Contractor
Helena, Montana
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 75 Working Days
Prob. Comp. Date - Oct. 22, 1976

M 8107(4), North Orange Street - Missoula
Length - 0.8 Mile, Lighting & 0"Height Detector
Contract let Aug. 26, 1976
Amount of Contract - $85,663.22
Work Not Yet Started
Contractor has not advised of his plans for starting work.

Midland Electric, Contractor
Billings, Mont.
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 60 Working Days

M 8199(2), U-2 & M-U 8199(4), Missoula
School Crossings, Signing & Signalization
Contract let June 10, 1976
Amount of Contract - $106,132.00
Work Started July 20, 1976
Work Proceed Date - July 6, 1976

Western Sign Corporation
Great Falls, Mont., Contractor
J. E. Hughes, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 60 Working Days
Prob. Comp. Date - Oct. 30, 1976

Plastic striping and signing were completed. The contractor is now awaiting signal pole delivery to complete the work. The project as a whole is 87% complete with 2% of the contract time elapsed. Five men worked two 8-hour shifts. Construction layout, with one engineer engaged, is 99% complete.

BEN C. MILLER, P. E., SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM:cn

RECEIVED
OCT 15 1976
CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

October 15, 1976

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending October 15, 1976.

G E N E R A L

Progress has been fair. Weather was mostly clear and unseasonably warm. Day time temperatures from $+60^{o}$ to $+75^{o}$ with night temperatures from $+30^{o}$ to $+46^{o}$. Highways in normal summer driving conditions with traffic tapering off.

P R E - C O N S T R U C T I O N

HHS 58(28) Libby-Kalispell
Length - 2000' & 4300' Alignment Improvement
Survey Authorization Dated - August 27, 1976
Survey Started - September 7, 1976

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
(Field Hdqtrs.-Crystal Creek)
Est. Comp. Date - Jan. 1, 1977

The project consists of two separate sections. The most westerly section is approximately 200 feet in length, spiral points have been set, with a five degree curve to be completed. The most easterly section is approximately 4000 feet in length. Center line has been run from stations 128+00 to 198+00 and spiral points set on the five degree curve, making center line approximately 80% complete. Cross sectioning was started with five (5) men working 10 man days, making a total of 89 man days used to date. Work has been temporarily suspended due to need for personnel on construction. The survey as a whole, is approximately 20% complete.

F-100(9) Columbia Falls East & West
S-334(2) Nucleus Avenue
Length - 5.4 Miles
Design Started - January 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Jan. 1, 1977

F-100(9)

Plan sheets were submitted to Helena on September 7, 1976. A plan-in-hand is scheduled for Nov. 4, 1976. One man worked several days this reporting period on brownline sheets. 231 man days have been used to date on design, which is approximately 46% complete. Design personnel are also working on miscellaneous assignments.

S-334(2)

Plan sheets were submitted to Helena on September 7, 1976. A plan-in-hand is scheduled for Nov. 4, 1976, in conjunction with project F-100(9). 64 man days have been used to date on design, which is approximately 46% complete.

RF-257(16) Coram-W. Glacier Section
Length - 4.8 miles
Scheduled for March 1977 Letting

Duane Anderson, F.P.M. (temp.)
Kalispell, Montana 59901
Phone: 755-5006

Progress has been slow due to working on project HHS 257(31), Dew Drop Curve. A four (4) person survey crew has been establishing projected centerline and R/W breaks between sta. 632+50 to sta. 658+56 as work permits. The projected centerline and R/W breaks are approximately 65% complete. No utility relocation starts have been made pending acquisition of Forest Service R/W for utility corridor by R.E.A.

F-263(8) Stryker-Rooseville
Length - 6.0± miles
Survey Authorization Dated - Nov. 13, 1975
Survey Started - December 8, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Est. Comp. Date: Dec. 1, 1976

The survey is now suspended pending shutdown of construction activities this fall. Survey as a whole is approximately 71% complete with 554 man days expended.

RS-325(2) Libby South East Rte. 482
Length - 3.5 miles
Survey Authorization Dated - Dec. 6, 1974
Survey Started - January 6, 1975
Survey Suspended - January 17, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Est. Comp. Date: Pending

No work on this location survey due to construction work. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-451(1) West Reserve Drive
Length - 6.5 miles
Design Started - July 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717

Two men worked two days this reporting period on a reviewal of grade design from U.S. #93 to LaSalle Road and additional topog and new subdivisions in this same area. 76 man days have been used to date on design, which is approximately 12% complete.

C O N S T R U C T I O N

FH7-1(1) Thompson Falls-West
Aggregate Surfacing & Plant Mix. Bit. Base & Signing
Length - 10.0 miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975
Contract Amount - $756,731.50
Proceed Order - April 21, 1975
Work Started - July 22, 1975

Zook Brothers, Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 110 Working Days
Project Completed: Aug. 18, 1976

The project was completed and accepted and on August 18, 1976 with 103 of 111 contract days being used or 93% of the adjusted contract time. Work on the final will convene after work winds down this fall and personnel are available.

RF-58(26) Manicke-Kalispell
Fencing U.S. #2 Loon Lake-Flathead Co. Line
Length - 10.0 miles
Contract Let - August 21, 1975
Contract Awarded - August 27, 1975 (FHWA 8-28-75)
Contract Amount - $185,172.00
Proceed Order - Sept. 18, 1975 (S.P. #17)
Work Started - Oct. 6, 1975

Fred Strandberg Const. Co.
Helena, Montana 59601
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time: 60 Working Days
Completed: June 18, 1976

The project was completed and accepted June 18, 1976. A total of 45 working days were used of approximately 74% of the contract time. One engineer will be working on final quantities as time permits. Estimated submittal date is November 15, 1976.

RF-BRF-100(15) Flathead River Br. Columbia Falls
Pre-Stressed Concrete Girder Bridge &
Grade & Surf. Temp. Approach
Length - 0.303 miles
Contract Let - March 27, 1975
Contract Awarded - Mar. 31, 1975 (Conc. by FHWA)
Contract Amount - $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Co.
Billings, Montana 59101
Lawrence Chezik, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 300 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair. The contractor worked 5 single and 6 double shifts of 8 hrs. per shift employing 7 to 15 men. D D concrete was poured for footings and columns on Bent No. 1 W.B.. Excavation was completed for Bent No. 5 W.B. and presently constructing forms for footings. Excavation was also completed for Pier No. 3 W.B. and is underway on pier No. 2. The project as a whole is approximately 63% complete with 71% of contract time elapsed. Two State employees are presently assigned to the project.

U191(38) St. Matthew School Signals
MU6799(1) U.S. #2 Signal Upgrade
Installation of Flasher at St. Matthew
School Crossing on Main St. in Kalispell
and Signal Controller Upgrade on 4
Intersections on U.S. #2
Contract Let - March 25, 1976
Contract Awarded - Mar. 31, 1976 (FHWA April 1, 1976)
Contract Amount - $46,975.20
Proceed Order - April 22, 1976
Work Started - October 13, 1976

Signal Electric, Inc.
Kent, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 45 Working Days
Prob. Comp. Date: Dec. 1, 1976

The contractor began work on October 13, 1976 with two men employed working 1-8 hour shift. At present they are installing services for the flashers at St. Matthew's school. Project is approximately 1% complete. One (1) engineer is assigned to the project.

HHS 257(31) Dew Drop Curve
Grading & Plant Mix Surfacing
Length - 0.094 miles
Contract Let - August 30, 1976
Contract Awarded - August 30, 1976
Contract Amount - $17,623.96
Proceed Order - September 20, 1976
Work Started - October 8, 1976

Pack & Co., Inc.
Kalispell, Montana 59901
Duane Anderson, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 30 Working Days
Prob. Comp. Date: Oct. 19, 1976

Contractor began work October 8, 1976 with seven (7) men working 9-hour shifts, placing uncl. borrow, sta. -2+00 to sta. +3+00. The borrow source is located 1½ miles west of project. Completed grading October 13, 1976. Contractor plans on paving October 15, 1976. Project as a whole is 65% completed with 60% of contract time elapsed. A four person survey crew is inspecting contractors operations.

DP-270(13) U.S. 93 North of Kalispell
Grade, Gravel Surface, Plant Mix Surfacing
Length - 0.776 miles
Contract Let - February 26, 1976
Contract Awarded - Mar. 1, 1976
FHWA Concurred - March 2, 1976
Contract Amount - $285,900.23
Proceed Order - April 16, 1976
Work Started - April 27, 1976

Pack & Co., Inc.
Kalispell, Montana 59901
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 60 Working Days
Prob. Comp. Date: Oct. 22, 1976

There has been very little progress. Two men worked 1-8 hour shift placing straw and netting on the slope left of sta. 52 to 54± Lt., leaving the project bid items at 99% complete. Work remaining is the adjustment of drop inlet and concrete box on approach at sta. 58+. Final inspection and acceptance by FHWA was made on September 10, 1976, contingent upon completion of the above items. One engineer is assigned to the project as required.

RF-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. &
Seal, Storm Sewer Installation
Signing, LIghting & One pre-stressed concrete
Girder Bridge
Length - 4.5 miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1975 (Conc. FHWA 4-7-75)
Contract Amount - $2,843,803.46
Proceed Order - April 28, 1975
Work Started - April 28, 1975

Zook Brothers, Co.
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 200 Working Days
Prob. Comp. Date: Oct. 22, 1976

Very little progress this past two weeks. The luminaires are complete and are presently awaiting for PP&L to connect up the power. Seeding is expected to commence the first of the coming week. The FHWA inspected the project on September 9, 1976 for acceptance of the work completed. The project as a whole remains 99% complete with 89% of the adjusted contract time elapsed. Construction layout is 100% complete with 3 engineers assigned as other work loads permit, compiling the final and supporting data. The structure is complete pending final inspection.

RS 404(8) & M6730(1) Kalispell South Loop
Grade, Agg. Surf, Pl. Mix Base, Plt. Mix Surf. &
Water line & Signing
Length - 3.7 miles
Contract Let - September 30, 1976
Contract Awarded - October 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - October 28, 1976
Work Started - Not Started

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 130 Working Days
Prob. Comp. Date: Oct. 15, 1977

Northwestern Telephone Systems

Telephone revisions are now completed and crews are presently dismantling the old line and cable and removing poles. This work is estimated to be completed October 22, 1976.

Montana Power Co.

A crew of four (4) men are working various shifts adjusting service lines covered by UWO, for utility revisions. This work should be completed by October 15, 1976.

Pacific Power

These utility revisions are complete. Northwestern Telephone Systems are removing PP&L poles which had telephone lines attached.

A survey crew of 4 to 5 men started work October 6, retracing centerline. The preconstruction conference is scheduled for October 19, 1976.

RS-410(8) Wampoo-4th of July Creek-Yaak Rd.
Grade, Gravel Surface, Plant Mix
Length - 4.6 miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Bros., Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time: 140 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair. The contractor is working 1-9 hour shift 5 days a week with 25-30 men employed. Clearing and grubbing is now 95% complete. Unclassified excavation between sta. 75 to 244 is approximately 75% complete. Drilling operations are approximately 75% complete. Installation of cross drains has begun and this item is approximately 50% complete. Sub-contractor is working on footings for S.S.P.P. at sta. 39+50. 55 cubic yards of class DD concrete have been poured, making this item approximately 25% complete. Harp Line construction began work on pole move at sta. 7+75 Oct. 11, 1976. Construction layout with nine (9) engineering personnel, is approximately 40% complete. The project as a whole is approximately 35% complete with 43% of the contract time elapsed.

RS-DP 448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix. Base
Length - 5.38 miles
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe, Field Proj. Mgr.
Dayton, Montana
Phone: 849-5565
Contract Time: 180 Working Days
Prob. Comp. Date: Nov. 1, 1976

Progress has been good. The contractor and sub-contractor employed approximately 35 working variable shifts from 8 to 10 hours, six days a week. Excavation is 100% complete as is pipe, fencing and slope protectors. Main line 1½" select surfacing and crushed base is complete with plant mix base operations started October 13 at sta. 213+00 W.B. 2,600 tons have been placed making this item 15% complete. The project as a whole is approximately 53% with 66% contract time elapsed. Construction layout remains about 65% complete with 11 to 16 personnel engaged in survey and inspection duties.

SMP-2499-74 State Project
4 Crusher Setups in Flathead & Lake Counties
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $137, 160.00
Proceed Order - January 9, 1976
Work Started - Mar. 17, 1976

McIntyre Const.Co. & Birch, Inc.
Great Falls, Montana
John Kalien, Div. Mat'l Supv. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 90 Working Days
Project Completed: May 27, 1976

The Final was submitted to the Division office for checking and will be forwarded to Helena about October 22, 1976. Pressing utility relocation inspection causing delay in checking.

Relocation: Montana 37 - Unit 3A - Libby Dam & Lake Koocanusa Project
Length - 2.44 miles
Contract Awarded - August 3, 1976
Contract Amount - $732,945.00
Proceed Order - August 31, 1976

Bering Straits Const. Co.
(Central Const. Co.)
Seattle, Washington
U.S. Army Corps of Engineers
Libby, Montana
Phone: 293-6221
Contract Time: 360 Working Days
Est. Comp. Date: Pending

A preconstruction conference was held on September 10, 1976. The contractor advised that the only work scheduled for this fall will be removal of the railroad grade, and quarry work.

Howard A. Stockwell
For James J. Keithley, P.E.
Supervisor-Division Const. Section

JJK:HS:cs

Department of Highways

Butte, Montana

October 14, 1976

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending October 12, 1976. The weather has been mild with rain & snow showers and temperatures ranging from +24° to +80°.

P R E C O N S T R U C T I O N

RS 6(10)
Canyon Ferry Dam S.E.
Location Survey
3.507 Miles
Lewis & Clark and Broadwater Counties

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
December 22, 1976

Work on the Hardshell will commence when time permits. There has been a total of 198 man days expended to date. All items, with the exception of the Hardshell are 100% complete. Project as a whole is 90% complete.

I IG 15-3(13)157
Basin - Boulder
Design
5.9 Miles
Jefferson County

Morrison - Maierle, Inc.
Consulting Engineers
Probable Completion Date:
March 14, 1976

The Draft Design Study Report is being prepared in preparation for advertising for the Public Hearing. The Public Hearing Display Maps were delivered to MDH for photographing prior to distribution for the Public Hearing. Preliminary Plans are 70% complete. Project as a whole is 27% complete.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 214(7)
Intersection of 11th Ave. and
Fee St. - Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 249(18)
Helena West
Design
6.2745 Miles
Lewis & Clark County
Design Started: Dec. 7, 1970

VTN. Inc.
Helena, Montana
Probable Completion Date:
Undetermined

Received approval of Change Order for Design Study Report and Public Hearing 6/01/76. Transmitted original tracings for Right-Of-Way, Construction Plans, Fencing. Utility Plans to MDH 8/10/76. Transmitted original tracings for Signing Plans to MDH. Design plans are 92% complete. R/W plans are 95% complete. Project as a whole is 99% complete.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
December 17, 1976

Survey has been suspended, temporarily, due to construction projects. There has been a total of 511½ man days expended to date. Lines and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 250(3)
Gregson Road
Location Survey
2.9 Miles
Silver Bow County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location on this project will commence when a crew is available in the Fall.

RS 364(4)
Basin Creek Road
Location Survey
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

RS 364(4) Cont'd.
Work for the period consisted of checking IBM Ground Line List for the staked line, coding coordinate geometry and horizontal alignment and off set forms for the projected line and compiling data for drainage areas calculations. Field work on the project remain 65% complete. Line and Levels run, cross sections and topography taken are 100% complete, section ties are 50% complete, hardshell and profile are 80% complete. Design work on the project is 10% complete. Notes reduced and checked are 100% complete, cross sections plotted are 100% complete, cross sections topoged and inked are 90% complete. A two man crew worked 2 man days for a total of 470 man days used to date.

RS 393(1)
West of Twin Bridges
Location Survey
1.0 Miles
Madison County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available in the Fall.

S 442(1)
Grand Avenue - Butte
Location Survey
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

Work for the period consisted of tracing plan and profile linens and revising grades on profile to meet side street drainage requirements. Two men expended 13 man days for a total of 93 man days used to date. The plan and profile linens are traced for 1.4 miles or 83% complete. The cross sections plotted and inked are 100% complete. The profile revised and plotted is 25% complete. Design work on the project is 7% complete.

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on this project has suspended awaiting the bridge end elevations and design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced, and the cross sections plotted & inked are all 100% complete. The design remains 10% complete with 40 man days used to date.

M 5807(1)
Neill to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

M 5807(1) Cont'd.
Field location work on this project will commence when a crew is available in the Fall.

CONSTRUCTION

I 15-2(33)96 Unit 3
Divide South
Aggregate Surf., Pl. Mix
Bit. Surf. & Signing
5.910 Miles
Silver Bow County
Contract Let: July 18, 1974
Bid Price: $1,646,579.65
Work Started: August 21, 1974

McIntyre Constr. Co. & S. Birch Inc. (JV)
Great Falls, Montana
Joseph Bettle, Manager
Field Project
Butte, Mont. Tel. 494-4172
Contract Time: 200 Working Days
Completion Date:
June 9, 1976

Checking of Final Data is completed in the Division Office. Final Data will be sent to Helena on October 15, 1976.

I 15-2(34)103 Unit 2
Divide North
The constr. of a dual 75.0' prestressed Concrete girder overpass (Tucker Cr. Grade Separation) & a dual 75.0 prestressed concrete girder overpass (Highland Road Separation)
0.028 Miles
Silver Bow County
Contract Let: January 8, 1974
Bid Price: $287,136.62
Work Started: Feb. 13, 1974

Feldman-Murphy General Contracting Co.
Billings, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Montana Tel. 846-3344
Contract Time: 200 Calendar Days
Completion Date:
June 21, 1976

Checking of Final Data is progressing in the Division Office. It is estimated that Final data will be sent to Helena on November 19, 1976.

I 15-2(34)103 Unit 3
& F RF 43(28) Unit 2
Surfacing on Divide and Wisdom - Divide Roads
Aggregate Surfacing, Plant Mix
Bit. Surfacing and Signing
8.62 Miles
Silver Bow County
Contract Let: March 27, 1976
Bid Price: $2,098,291.50
Work Started: July 22, 1975

Empire Sand & Gravel, Inc.
Billings, Montana
Gene Campbell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 150 Working Days
Probable Completion Date:
October 29, 1976

No work the past period. Preparing for seeding operations. Project as a whole is 99% complete with 97% of the contract time elapsed. Construction layout as a whole is 100% complete with 3 Engineers engaged.

I 15-2(34)103 Unit 4
Divde - North
The construction of a Dual Rest Area,
Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram-Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 200 Working Days
Probable Completion Date:
October 22, 1976

Work the past period consisted of landscaping and general cleanup. The contractor employed 1 man for 2-8 hour shifts. The project was opened to the public on Oct. 12, 1976. Project as a whole is 99% complete with 97% of the contract time elapsed. Construction layout as a whole is 100% complete with 1 Engineer engaged.

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit.
Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20, 1973
Bid Price: $2,694,875.50
Work Started: Oct. 18, 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

Work on Final Estimate is 55% complete in the Field Office. Estimated Submittal date to Division Office is Dec. 15, 1976. It is estimated that Final data will be sent to Helena on February 25, 1977.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville-North
Grading Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-5841
Contract Time: 260 Working Days
Probable Completion Date:
September 9, 1977

Work the past period consisted of conducting grading operations. The contractor employed 76 men for 10-9 hour shifts. Project as a whole is 65% complete with 47% of the contract time elapsed. Construction layout as a whole is 74% complete with 6 Engineers and 1 Inspector engaged.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte, Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles

Western Sign Corp., Lewis Constr.
Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-3(31)207 Cont'd.
Silver Bow & Deer Lodge Counties
Contract Let: April 24, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Butte, Mont. Tel. 792-9937
Contract Time: 150 Working Days
Probable Completion Date:
October 29, 1976

Work the past period consisted of seeding and striping shoulder lines. The contractor employed 6 men for 8-9 hour shifts. Project as a whole is 99% complete with 98% of the contract time elapsed. Construction layout as a whole is 99% complete with 5 Inspectors engaged.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Separation) and a dual 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: October 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt.
Contract Time: 230 Working Days
Probable Completion Date:
November 5, 1976

No work the past period. The only work remaining is some bridge rail painting, protective coat and minor clean-up. The project as a whole is 98% complete with 75% of the contract time elapsed.

I 15-3(26)140 Unit 1
Elk Park - South
Grading, Aggregate Surfacing
Plant Mix Bituminous Base,
Fencing and Signing
2.4 Miles
Jefferson County
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
William Bork, Manager
Field Project
Butte, Montana Tel. 494-5706
Contract Time: 150 Working Days
Probable Completion Date:
November 11, 1977

Work the past period consisted of conducting grading operations, installing culverts and erecting fence. The contractor employed 42 men for 20-9 hour shifts. Project as a whole is 15% complete with 12% of the contract time elapsed. Construction layout as a whole is 70% complete with 8 Engineers and 2 Inspectors engaged.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Montana Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
June 30, 1977

Work the past period consisted of conducting grading operations and laying gravel. The contractor employed 30 men for 10-9 hour shifts. Project as a whole is 51% complete with 72% of the contract time elapsed. Construction layout as a whole is 81% complete with 5 Engineers and 1 Inspector engaged.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal and Cover
10.160 Miles
Beaverhead County
Contract Let: June 29, 1976
Bid Price: $1,609,681.60
Work Started: July 26, 1976

Clark Bros. Contractors
Victor, Montana
William C. Birkenbuel, Manager
Field Project
Wisdom, Mt. Tel. 689-2255
Contract Time: 175 Working Days
Probable Completion Date:
October 14, 1977

Work the past period consisted of crushing gravel, installing culverts and conducting grading operations. The contractor employed 51 men for 12-10 hour shifts. Project as a whole is 34% complete with 27% of the contract time elapsed. Construction layout as a whole is 96% complete with 3 Engineers and 7 Inspectors engaged.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North
& South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Constr. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Butte, Mont. Tel. 494-4172
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Montana
Contract Time: 260 Working Days
Probable Completion Date:
September 15, 1977

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1 Cont'd.

Road

Work the past period consisted of installing culverts and hauling borrow. The contractors employed 51 men for 10-8 hour shifts. Project as a whole is 18% complete with 22% of the contract time elapsed. Construction layout as a whole is 66% complete with 19 Engineers and 2 Inspectors engaged.

Bridges

Progress during the past period was good. Work consisted of: Sta. 842+26.32 (W.B.) Bent No. 2-Backfilling, forming on & placing reinf. steel in cross beam. Bent No. 3-Backfilling (E.B.) Bent No. 2-Excavating, placing concrete, stripping, finishing, curbing & backfilling for footing & column. Bent No. 3-Backfilling; placing concrete, stripping, finishing & curbing cross beam. Sta. 1049+68.60 (W.B.) Abut. No. 1-Driving test pile; preboring for & preparing to drive service pile. Bent No. 3-Forming on cross beam bottom. Abut. No.4-Driving service pile & placing abut. footing concrete. All spans-driving super structure support pile. (E.B.) Abut. No. 1- Driving test pile & preboring for service pile. Abut. No. 4-Driving service pile & placing abut. footing concrete. The superstructure reinf. steel arrived for (E.&W.B.). Sta. 1150+10.00 (W.B.) forming on & placing reinf. steel in Bent No. 1 backwall; erecting Span No. 1 & No. 4 prestressed beams; welding base plates to beam plates, all spans. (E.B.) erecting Span No. 1 & No. 4 prestressed beams. (E.&W.B.) backfilling around footings & superstructure reinf. steel arrived. Percentage complete for the items are as follows: Conc. Cl. AD, 27%; Prestressed Beam-Type A 40,45,65&70 Ft.,100%; Structure Excav. Type 1, 74%; Test Pile T.T., 64%; Furn. T.T. Pile, 74%; Drive T.T. Pile, 81%; Pile-Prebore Holes, 55% & Reinf. Steel, 16%. The structure as a whole are 26% complete. During the past period the sub cont'r. (McIntyre & Birch) worked 10-8 hour shifts with 25 men employed. Construction layout is 30% complete with a 5 man engineering crew assigned.

I IG 90-3(39)176

Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Max J. Kuney Co.
Spokane, Washington
Ray G. Masters, Manager
Field Project
Deer Lodge, Mont. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Probable Completion Date:
October 14, 1977

Road

Work the past period consisted of conducting grading operations. Contractor employed 45 men for 20-8 hour shifts. Project as a whole is 19% complete with 30% of the contract time elapsed. Construction layout as a whole is 91% complete with 6 Engineers and 2 Inspectors engaged.

I IG 90-3(39)176 Cont'd.
Bridges
Beckhill Interchange at Sta. 338+00.00: No Work.
Junior Grade Separation At Sta. 386+49.1: Progress during the past two week period was good. Forming, placing and tying Reinforcing Steel, and Placed concrete for Abutment No. 1 wall footing and struts, and wing footing; and Abutment No. 2 wall footing and struts. Forming, placing and tying reinforcing steel for Abutment No. 1 wall. Started removal of left slab and curb section of existing eastbound structure. Percentages complete for the structural items are as follows: Structure Excavation 47%; Reinforcing Steel 8%; Class AD Concrete 7%. The contractor worked eleven (11) eight (8) hour shifts employing an average of six (6) men on the structures.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen - East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project I IG 90-4(26)194 U2 and the construction of a 121.5' prestressed concrete girder on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: November 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Probable Completion Date:
March 30, 1977

Progress was poor the past two weeks.
STructures at Galen Interchange Sta. 939+75.20:
West-bound structure: Finished decking, tied steel and placed concrete at diaphragms and back-walls. Began tying steel for deck. East-bound Structure: Began tying steel for deck. East-bound Structure: Placed 15 prestressed beams, did some concrete finish work.
Structure at Lost Creek Sta. 1012+20.00: Drove sheeting for shoring and crib, began excavation of footing for Abutment No. 1.
Structure at Clark Fork River Sta. 1370+07.00: West-bound Structure: Finishing curbs and grinding where needed on deck. East-bound Structure: Placed 5-85 ft. prestressed beams and began decking operation.
Percentage complete for items are as follows. Unclassified Channel Excavation 54%, Structure Excavation 80%, Reinforcing Steel 55%, Class AD Concrete 66%, Structural Steel 20%, Shoring and Crib 75%, Filter Material 22%, Gravel Blanket 22%, Class II Rip Rap 35%, Mobilization 60%, Prestressed Beams Type 4 85 Ft. 100%, Prestressed Beams Type A 60 Ft. 60%, Prestressed Beams Type A 35 Ft. 100%. The project as a whole is 60% complete with 65% of the Contract Time elapsed. The contractor worked ten (10) eight (8) hour shifts employing and average of twenty (20) men.

I 90-5(29)233
Homestake Pass Rest Area
Construction of a Dual Rest Area,
Landscaping and remodeling
Existing Picnic Shelters
Jefferson County
Contract Let: August 15, 1974
Bid Price: $388,952.00
Work Started: September 12, 1974

Ingram-Clevenger, Inc.
Helena, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 110 Working Days
Probable Completion Date:
November 15, 1976

I 90-5(29)233 Cont'd.
A final inspection of the trees and shrubs on this project was held on September 27, 1976 and it was determined that several plants would have to be replaced.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 200 Working Days
Probable Completion Date:
November 12, 1976

Work the past period consisted of laying gravel and conducting plant mix operations. The contractor employed 33 men for 10-8 hour shifts. Project as a whole is 92% complete with 54% of the contract time elapsed. Construction layout as a whole is 90% complete with 3 Engineers and 3 Inspectors engaged.

FF 214(8)
Signalizing of the intersections
of 11th Ave. and Sanders St., 11th
Ave. & Lamborn St., Prospect Ave.
and Sander St. and Prospect Ave.
& Lamborn St. in Helena
0.00 Miles
Lewis & Clark County
Contract Let: December 18, 1975
Bid Price: $105,853.28
Work Started: May 17, 1976

Signal Electrical Inc.
Kent, Washington
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 60 Working Days
Probable Completion Date:
November 1, 1976

Work the past period consisted of conducting various construction activities. Contractor employed 3 men for 9-8 hour shifts. Project as a whole is 69% complete with 80% of the contract time elapsed. Construction layout as a whole is 95% complete with 3 Engineers and 1 Inspector engaged.

FF 401(3)
Intersection of Montana Ave.
and Billings Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County
Contract Let: August 26, 1976
Bid Price: $27,859.23
Work Started: Oct. 7, 1976

S&S Construction
Helena, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Montana Tel. 442-9762
Contract Time: 45 Working Days
Probable Completion Date:
December 1, 1976

Work the past period consisted of conducting various construction activities. The contractor employed 2 men for 3-8 hour shifts. Project as a whole is 11% complete with 0% of the contract time elapsed. Construction layout as a whole is 75% complete with 3 Engineers and 1 Inspector engaged.

M 1803(2)
Harrison Ave. and Amherst
St. - Butte
Signal Modification, Signing
and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 29, 1976
Bid Price: $30,854.50
Work Started: October 12, 1976

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mont. Tel. 792-9937
Contract Time: 45 Working Days
Probable Completion Date:
December 10, 1976

Work the past period consisted of beginning construction activities. The contractor employed 3 men for 1-8 hour shift. Project as a whole is 0% complete with 0% of the contract time elapsed. Construction layout as a whole is 20% complete with 3 Engineers engaged.

M 5805(1)
Signal Modification of various
intersection in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50
Work Not Started

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Montana Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
November 30, 1976

Preconstruction Conference was held June 11, 1976.

Richard B. Dundas, P.E. Supr. Div. Const.
Sect. - Butte

RBD/GBH/MJJ/cu

Box 1110
Bozeman, Montana 59715

October 15, 1976

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and pre-construction operations in the Bozeman Division for the two-week period ending October 15, 1976. The weather during the past two weeks was mostly clear with scattered rain and snow showers. Temperatures during this period ranged from 25 to 75 degrees.

P R E C O N S T R U C T I O N

F 9 (6) Truck Escape Route
Virginia City-Ennis
Length - 0.530 Mile

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

RF 20 (4) US 191 Spur
Approx. Length - 6.7 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

Field work on this location survey was started on October 13, 1976. A four-man survey crew has been replacing co-ordinate control points and setting the curve control points by co-ordinate system. Two men have been working in the office computing and checking transit notes and computing the curve control points from the co-ordinate system.

RF 20 (5) US 191 Big Sky Spur
Length - 3.0 Miles
Gravel Surf., Pl. Mix Surf.

Engineer Unassigned

There was no work on this project during the past period.

FH 42-3 (2)
Slide Near Karsts
Gallatin County

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

F 60 (15)
Clyde Park - N & S

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

With the exception of Item #2 on the June 30 plan-in-hand report, all information requested from the field to date has been transmitted to Helena.

ROS 76 (10)
US 191 Gallatin Canyon Safety
Partial Survey for Future Safety Upgrade

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

A four-man survey crew spent one day obtaining additional cross sections as requested by the Preconstruction Section. This additional information has been transmitted to Helena.

I 90-6 ( ) 315
Bozeman Pass - West
Rest Area

Engineer Unassigned

No information has been requested from the field to date.

I 90-7 (17) 350
Springdale - Big Timber
Length - 13.477 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested work has been completed.

I 90-7 (18) 364
Big Timber - Greycliff
Length - 10.814 Miles

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All information requested from the field has been submitted to Helena.

I 90-7 (21) 339
Springdale - West
Length - 9.2 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been submitted to Helena.

I 90-7 (36) 321 U-2
Bozeman Pass - East
Rest Area & Sand House

Engineer Unassigned

No information has been requested from the field to date.

I 90-7 (40) 332 — Engineer Unassigned
Snow Fence
Approx. Length - 5.0 Miles

A preliminary field review was held on October 6, 1976 and the information requested in the report will be obtained this winter.

RF 171 (16) — Engineer Unassigned
Norris Hill
Length 9.0 Miles

The location survey authorized September 3, 1976 has not been started.

U 203 ( ) Signals — Engineer Unassigned
Intersection Main & Third - Bozeman

No information requested from the field to date.

F 244 (15) — Marting J. Kolence, FPM
Raynolds Pass - Ennis — Phone: 587-4186 Bozeman
Length - 11.0 Miles

All requested information has been transmitted to Helena.

S 276 (1) — Ronald T. Hoyem, FPM
Big Timber - North & East — Phone: 932-3272 Big Timber
Approx. Length - 9.0 Miles — Estimated Date of Completion: 5-1-77
Survey Started: 5-28-74

There was no work on this location survey during the past period, and it remains approximately 39% complete.

HHS 370 (26) — William F. Nimmons, FPM
Bridger Canyon — Phone: 586-5074 Bozeman
Approx. Length - 1.8 Miles

All data requested has been transmitted to Helena.

RS 463 (1) — William F. Nimmons, FPM
Springdale - Hunters Hot Springs — Phone: 586-5074 Bozeman
Approx. Length - 2.2 Miles — Estimated Date of Completion: 3-30-77
Preliminary Survey

The requested preliminary survey has not been started.

M 1201 (1)
North 19th - Bozeman
Approx. Length - 0.4 Mile
Survey Started: 1-15-75

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested to date has been transmitted to Helena.

M 1202 (1)
Oak St. - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman

All information requested to date has been transmitted to Helena.

M 1212 (1)
Kagy Lane - Bozeman
Approx. Length - 1.1 Miles
Survey Started: 7-26-76

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Date of Completion: 10-30-76

All field work for this location survey has been completed. At the present time three men are working on the hard shell, editing notes, plotting the profile and hydraulic situation survey, and writing up drainage recommendations. The hard shell is approximately 50% complete and the location survey as a whole is now approximately 90% complete.

ROS 4144 (52)
Manhattan - Bridge End Protection
(Statewide)

Engineer Unassigned

All information requested has been submitted to Helena.

SRS 4148 (52)
BN, Inc. Signals-Off-System
Oregon St. - Belgrade
Northwest of Springdale

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested information has been submitted to Helena.

C O N S T R U C T I O N

S 28 (14)
McLeod-Big Timber
Structures and Approaches
Length - 0.905 Mile
Contract Amount: $531,339.07
Contract Awarded: 5-21-75
Proceed Order Date: 6-11-75
Work Started: 6-27-75

Cop Construction Company
Billings, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 180 Working Days
Probable Completion Date: 10-22-76

Progress has been fair with the contractor employing four men. The only work performed during the past two weeks has been general cleanup. Work remaining on the project consists of seeding, fertilization, installation of one sign (by Change Order), miscellaneous cleanup work, and reclamation of two gravel pits. A five-man engineering crew is assigned to this project which is 99% complete with 104% of the contract time elapsed. The contractor is currently eight days overtime.

I 90-6 (30) 309, I 90-6(36) 315 U-2
I 90-7 (38) 318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East(West Section)
Grade, Agg. Surf., Pl. Mix Base Struct.
Length: 7.0 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,689.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: ?

Progress has been fair with the contractor employing 120 men and working 20 eight-hour shifts. During the past two weeks, 100,000 cubic yards of unclassified excavation was accomplished bringing this item to 19% complete. Material from the cut between Sta. 262+00 and 269+00 is being placed in the fill between Sta. 249+00 and 256+00. Excavation from Sta. 147+00 through 155+00 is being placed in the fill between Sta. 156+00 and 170+00 on the main line and 168+00 through 175+00 on the frontage road. Excavation from the cut area at Sta. 203+00 is being placed in the fill at Sta. 242+00 on the frontage road. 8.4 cubic yards of Class "DD" concrete was placed bringing this item to 25% complete. The contractor has been forming the stilling basin and pouring concrete cradles. The Division Box right of Sta. 83+00 and the edge protection Rt. of Sta. 50+75 were completed. Seven hundred seventy feet or 84% of the metal ditch liner were installed between Sta. 90+50 and 99+00. Five hundred eleven lineal feet of culvert were also installed during this period. The fencing contractor is doing some finishing work on his fence. Bozeman Sand and Gravel resumed crushing operations on October 12. Goodfellow Brothers claims that the rock in the no-blasting area over the railroad tunnel cannot be excavated with the standard construction equipment. A sixteen-man engineering crew is assigned to this project which is 15% complete with 25% of the contract time elapsed. The contractor has 224 working days of contract time remaining.

I 90-6 (36) 315 U-1
Bozeman Pass - West
Dual 128.0' Prestressed Concrete Girder Overpass & Approaches
Length - 0.584 Mile
Contract Awarded: 6-30-75
Contract Amount: $770,510.35
Proceed Order Date: 7-22-75
Work Started: 7-16-75

McEachern Construction Company
Butte, Montana
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 180 Working Days
Probable Completion Date: 11-1-76

Progress has been fair with the contractor employing five men and working three 8-hour shifts. Some minor spot painting on structure was accomplished and the fencing contractor has been doing some miscellaneous fencing in the area of the structure. Seeding operations were started on September 30, 1976 and 270 lbs. of seed or 93% of the contract item has been applied. Some hydro-seeding remains to be completed. One man is currently assigned inspection duties on this project which is 95% complete with 86% of the contract time elapsed. The contractor has 26 working days of contract time remaining.

I 90-7 (36) 321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
Larry O. Williams, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 7-1-77

Progress has been fair with the contractor employing between 40 and 65 men and working nine 10-hour shifts. The contractor has continued the excavation of borrow material from the Miles area. Forty-one thousand cubic yards of material were removed during the past two weeks. The borrow was placed between Sta. 319 and 360 on the eastbound and westbound lanes and between Sta. 380 and 410 and 435 through 445 on the eastbound lane. Finishing and topsoiling are in progress on the eastbound lane between Sta. 505+00 and 565+00. 2,800 cubic yards of topsoil were placed bringing this item to 92% complete. Twenty-five hundred tons of 3/4" top surfacing were placed on the "W" Line during the past period. Some seeding was accomplished at various points throughout the project. A fifteen-man engineering crew is assigned to this project which is 72% complete with 50% of the contract elapsed. The contractor has 136 working days of contract time remaining.

HHS 127 (12)
Big Timber - Columbus
Pl. Mix Seal Skid Corr. & Guardrail (Safety)
Contract Awarded: 5-17-76
Contract Amount: $120,557.65
Proceed Order Date: 7-7-76
Work Started: 6-26-76

Bozeman Sand & Gravel, Inc.
Bozeman, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract time: 45 Working Days
Probable Completion: 10-22-76

There was no work on this project during the past period, and it remains 99% complete with 71% of the contract time elapsed. Only the seeding and fertilization items remain for completion of this project. A five-man engineering crew is currently assigned to this job. The contractor has 17 working days of contract time remaining for completion of all work.

M 1206 (2) U-2
Traffic Control Devices
Babcock & Mendenhall - Bozeman
Contract Awarded: 5-3-76
Contract Amount: $64,638.00
Proceed Order Date: 5-24-76
Work Started: 5-24-76

Midland Electric
Billings, Montana
Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman
Contract Time: 45 Working Days
Completion Date: 9-10-76

One man has been compiling the final estimate and supporting data. This work is approximately 85% complete with an estimated date of submittal to the Division Office of December 10, 1976.

Respectfully submitted,

Richard C. Holmes, PE, Supervisor
Division Construction Section
Bozeman, Montana

RCH:EJR:wb

cc: Gary A. Gilmore, PE, Division Traffic Engineer - Butte
Bozeman Division Office

RECEIVED
CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
OCTOBER 15, 1976

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period October 1, 1976 thru October 15, 1976.

GENERAL

Weather has been clear to overcast with temperatures ranging from 40^{0} to 75^{0}, with little to no delay in progress.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls Airport Access Rd.
Length: 0.7 miles - Cascade Co.
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June 31, 1977

No work during this reporting period. Design is 46% complete.

F 64 (15) - Great Falls East
Location Survey
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Comp. Date: July 31, 1977

No work during this reporting period. Design is 3% complete.

RS 77(7) - Cascade - Ulm Loop
Location Survey
Length 26.5 miles
Survey Started: January 12, 1976

F. Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: March 15, 1977

No work on this project due to other work assignments. The survey is 26.5% complete with 687 man-days used to date.

S 134 (1) - Farmington - Agawam
Length: 12.3 miles - Teton Co.
Design Started: June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

Three men worked 23 days preparing Final Design, which is now 65% complete.

Deaprtment of Highways | October 15, 1976

M 5201 ( ) Part II - 6th St., Gt. Falls
Length: 0.9 miles - Cascade Co.
Design Started: Sept. 26, 1972

Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Prob. Comp. Date: March 31, 1977

Station 40 + 65 to 68 + 00 September 10, 1976, Final Design Study Report was submitted to D.O.H., Helena. September 22, 1976, Signing P.I.H. was held at D.O.H., Great Falls. Approval to proceed with Final Plans was received from D.O.H. September 29, 1976. October 5, 1976, Final Right-of-Way plans and mylars were submitted to D.O.H., HElena. Design is now 75% complete.

RS 348 (18) - 5 miles South of Fort Benton South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson, Mgr. - F.P.U.
Great Falls - Phone #453-2573

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

RS 464 (1) - Teton River Bridge
Location Survey
Length: 1.1 mile
Survey Started: October 4, 1976

F. Robinson, Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: Nov.15, 1976

Thirty two man-days were used Running Centerline, Referencing Control Points and Locating Section Corners. The survey is 11.5% complete with 32 man-days used to date.

CONSTRUCTION

I 15-3(28) 168 & I 15-5(48) 182
Traffic Control Devices and Guard Rail Revisions
Jefferson & Lewis & Clark County
Contract Awarded: June 30, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Inc., Contractor
Spokane, Washington
Walt Smith, (Acting) Mgr.
Craig Office - Phone #235-4364
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days

Progress has been fair. Apex Construction is working an 8 hour shift revising Bridge Guard Rail, signing crew is excavating and placing concrete for sign foundations and guard rail anchors, also removing median guard rail, Helena Hill 10/12/76. Bozeman Sand & Gravel is working an 8 hour shift placing shoulder widening plant mix, and miscellanous safety work began on 10/12/76. Isbister Const. began culvert work on 10/12/76, working 8 hour shifts. Maxwell Electric began an 8 hour work shift relocating weigh station sign on 10/11/76. Items and percent complete are: Plant Mix Bit. Surf. Gr.C, 28%; Revise Bridge Guard Rail, 55%; CSP 12 In. .064, 100%; RCP 24 In. Class 2, 100%; Guard Rail Steel/Wood, 54%.

The project as a whole is 24% complete with 39% of the contract time elapsed. Construction layout is 80% complete with a 5 man engineering crew engaged in layout, testing, inspection and notes. Intermittent single lane closures Helena Hill to the Gates of the Mountain Interchange and at Interchange structures Helena to the Missouri River bridge north of Craig.

I 15-5(50) 239 U-3
Cascade No. & So.
3 Structures & Approaches on add 2 Lane
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan Mgr. - F.P.U.
D. Moore Mgr. - F.P.U.
Comp. Time: 150 Working Days
Prob. Comp. Date: July 30, 1977

Structures - Progress was fair. Contractor employed 8 men building forms, placing concrete and finishing concrete, working 1-8 hour shifts. Structure at 1842: Bents 2 & 3 are complete. Structure at 2095: Bents 2 & 3 are complete. Structure at 301: No work has been done. The project as a whole is 10% complete. Construction layout is 50% complete with a 2 man engineering crew engaged in layout, inspection, testing and notes.
Approaches - Progress has been fair. Sub-Contractor Kraus Construction moved 28,300 Cu. Yds. of Uncl. Exc. from cut area Sta. 282 and placed the material on temporary detour, Frontage Road and on County Cross Road from Sta. 15+00 to Sta. 26+10 for a total of 43,300 Cu. Yds. moved to date. Sub-Contractor installed 148 Lin.Ft. of 24" RCP Cl. 2 culverts at Sta. 24+00 and Rt. of Sta. 23+30. Contractor started hauling Top Surf. 3/4 In. Type B to Temporary Detour and Frontage Road October 6th. Contractor completed placing the 2nd Lift October 13, 1976. Items and percent complete are: Uncl. Exc., 23%; Compaction-Roadbed, 23%; Haul, 23%; Top Surf. 3/4 In. Gr. 3 B, 3% and RCP 24 In. Class 2, 56%. The project as a whole is 13% complete with 26% of the contract time elapsed. Construction layout is 99% complete with a 5 man engineering crew engaged in layout, inspection, testing and notes. Sub-contractor plans to open the Temporary Detour and Frontage Road Detour from Sta. 3+00 and Sta. 26+10 to traffic Friday, October 15, 1976.

BRF - TQX 218 (18)
Repair Fire Damage on
S. B. Bridge - Sun River - Gt. Falls
Cascade County
CONTRACT Award: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $329,654.68
Work Started: August 20, 1976

Frontier Construction Company
P.O. Box 1242
Missoula, Montana 59801
T. Tomich, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 130 Working Days
Prob. Comp. Date: Dec. 4, 1976

Progress has been fair. Contractor employed ten men 10-8 hour shifts, removing prestressed beams, placing new prestressed beams, working on work bridge and some forming of deck. Items and percent complete are: Work Bridge, 85%; Repair Str., 50% and Prest. Beam 95' Type 4, 50%. The project as a whole is 50% complete with 27% of the contract time elapsed. Construction layout is 40% complet with a 2 man engineering crew engaged in inspection and layout. There is a one mile detour from Station 577+ to 604+, good condition.

I 15-6(15) 297 U-1 - Dutton No. & So.
5.494 miles, Grade, Aggr. Surf., Plant Mix
Signing and Fencing
Teton County
Contract Awarded: March 26, 1974
Amount of Contract: $2,743,068.92
Work Started: June 19, 1974

Schultz & Meyer Construction Co.
Billings, Montana 59101
T. Hammerbacker, Mgr. - F.P.U.
Dutton- Phone #476-3472
Comp. Time: 360 Calendar Days
Prob. Comp. Date: Oct. 27, 1976

Progress has been poor. The prime contractor with 2 men employed, worked 5-8 hour shifts drill seeding, fertilizing & conditioning 41 acres Sta. 409+00 to 460 lt. side and median. Finished seeding on Oct. 5, 1976. The fencing sub-contractor, Sherrord Inc. started setting panels on Oct. 4, 1976 with 2 men employed, worked 7-10 hour shifts setting panels and driving line posts Station 598+32 to Station 512+00 lt. side. Items and percent complete are: Seeding, 100%; Fertilizing, 100%; Condition Seedbed Surf., 100%; Fence-Panel Single CW, 54%; Fence-Panel Double CW, 83% and Corner Panel CW, 67%. The project as a whole is 99% complete with 87% of the contract time elapsed. Construction layout is 100% complete with a 3 man engineering crew engaged in remeasure, inspection and compiling notes.

I 15-6(20) 304 - Teton River - N. & S.(S.Sect.)
4.3 miles Grading, Surfacing & Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started: April 1, 1976

Hilde & Maronich Const. Co.(Jv)Contr.
East Helena, Montana
H. Strong & S. Newton, Mgr. - F.P.U.(Road)
D. Harrison Bridge Insp. (Structure)
Brady - Phone #753-2581
Comp. Time: 275 Working Days
Prob. Comp. Date: July 30, 1977

Roadway - Progress has been good. Contractor is finishing to subgrade bluetops with 20 employees working 11-9 hour shifts. The project as a whole is 47% complete with 30% of the contract time elapsed. Construction layout is 80% complete with a 7 man engineering crew engaged in layout, blue topping, testing and notes. Structures - Progress has been good. Contractor had 23 to 34 employees working 1-8 hour shifts, setting prestressed beams, tieing re-steel, and pouring concrete for deck. Teton River Structures - contractor poured the N.B. deck and has about 75% of the S.B. deck formed. Plans to pour the curbs for N.B. next week and S.B. deck the end of this month. Separation at Station 788 - contractor has completed setting prestressed beams and finishing sub-structure concrete. Plans are to pour this deck next spring. The project as a whole is 72% complete. Construction layout is 85% complete with a 4 man engineering crew engaged in layout, inspection, testing, and notes.

I 15-6(16) 308 - Teton River - N.&S.(N.Sect.)
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit. Base; Pl. Mix Bit. Surf.; Signing; Prestressed Conc. Grider Gr. Separation
Teton County
Contract Awarded: July 28, 1975
Contract Amount: $2,070,763.97
Work Started: September 9, 1975

Hilde & Maronick Const. Co., (Jv) Contr.
East Helena, Montana
H. Strong & S. Newton, Mgr. - F.P.U.(Road)
T. Tomich, Mgr. - F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 180 Working Days
Prob. Comp. Date: July 30, 1977

Roadway - Progress has been good. The contractor employed 21 persons who produced and planed 1 1/2" PMBB 1st. lift S.B. and N.B. lanes also placed from stockpile, 3/4" gravel onto ramps and line "C". Items and percent complete are: 3/4" CTS "A" & "B", 38% and 1 1/2" PMBB, 30%. The project as a whole is 75% complete with 71% of the contract time elapsed. Construction layout is 85% complete with a 10 man engineering crew engaged in layout, testing, inspection and notes. Traffic is using F-2 and F-3 Frontage Road, the length of project as per plans, detour is in good condition.
Structures - Progress has been good. Contractor employed 4 to 8 persons, 1-8 hour shifts to finish tieing re-steel for deck, is now setting up skreed macnine. The deck will be poured October 13, 1976. The project as a whole is 75% complete. Construction layout is 95% compelte with a 4 man engineering crew engaged in layout, testing, inspection and notes.

I 15-6(14) 311 & I 15-7(11) 312
Pershing South and Brady - N. & S.
11.5 miles Gr., Agg.Surf., Pl. Mix Bit. Base, Pl. Mix Bit. Surf., Lengthen 2
Add two Lane - Teton & Pondera Co.
Contract Awarded: June 5, 1975
Contract Amount: $3,754,385.95
Work Started: July 16, 1975

Hilde & Maronick Const. Co.(Jv), Contr.
East Helena, Montana
S. Newton, Mgr. - F.P.U. (Road)
K. Minehan, Mgr. - F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 240 Working Days
Prob. Comp. Date: July 30, 1977

Roadway - Progress has been good. Contractor is repairing leaking 48" syphon Station 2080, and producing and placing 1 1/2" PMBB 2nd. and 3rd. lifts M. and 1st. lift ramps also producing and placing 1 1/2" CBS ML shoulder gravel, with 73 persons employed. Items and percent complete are: 1 1/2" CBS, 88%; 1 1/2" PMBB, 80%. The project as a whole is 80% complete with 73% of the contract time elapsed. Construction layout is 96% complete with a 8 man engineering crew engaged in layout, inspection, testing and notes. Temporary transition, 2 lane to 4 lane Station 2295 is 700' long, is in good condition.
Structures - Progress has been good. The contractor worked 3 men, two days, cleaning up work yard. Work remaining includes touch up painting and some leveling between columns. The project as a whole is 99% complete. Construction layout is 100% complete.

RS 91 (6) & RS 329 (6)
Stockett - Gt. Falls Road and
Great Falls - Eden Road
18.3 miles Plant Mix Overlay
Cascade County
Contract Amount: $698,004.00
Contract Awarded: July 19, 1974
Work Started: September 18, 1974

Baltrusch Construction Co., Contr.
Havre, Motnana 59501
F. Robinson, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 90 Working Days
Comp. Date: May 6, 1976

Final Estimate submitted to Division Office on June 16, 1976 and was submitted to Helena Office on October 6, 1976.

Department of Highways

October 15, 1976

HHS 388 (18)
Install Fail Safe Units
Intersection of Fox Farm Road-
6th St. S.W. with 10th Ave. South
Great Falls
Force Account Amount -$1200.00

City of Great Falls
F. Robinson, Mgr. F.P.U.
Great Falls - Phone #453-2573
Completed: Sept. 17, 1976

Work began September 15, 1976 and was completed September 17, 1976. Final Estimate and supporting data will be submitted to Division Office on or about October 30, 1976.

RS - 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Graveling & Surfacing
Contract Awarded: June 30, 1976
Contract Amount: $877,194.60

Hilde Construction, Inc., Contr.
East Helena, Montana
Glen Enderson, Mgr. F.P.U.
Phone #278-5412
P. O. Box 1301
Conrad, Montana
Comp. Time: 110 Working Days

Progress has been good. Prime Contractor resumed Street Exc. operations between Sta. 3+40 to 11+40 on 10/7/76 and completed on 10/8/76. Producing and placing 2" Sel. Surf. 11+40 to 136+00. Installed Type I Inlet Lt. & Rt. Sta. 3+98. Sub-contractor Bob Clark & Son Fencing Co. resumed fencing on 9/30/76, constructing F4W farm fence and removing and resetting fence Sta. 38+00 to 92+00 and completed fencing 10/7/76. Sub-contractor Sandon Construction Co. began placing curb & gutter on 10/5/76, curb is placed between Sta. 34+55 to 52+93. Items and percent complete are: Exc. St., 100%; Sel. Surf. 2" Gr.4, 87%; Curb & Gutter - Conc., 35%; Inlet-Std. Drop Type I, 97% and Farm Fence Type F4W, 100%. The project as a whole is 58% complete with 52% of the contract time elapsed. Construction layout is 85% complete with a 8 man engineering crew engaged in layout, testing, inspection and notes. Traffic is being detoured at Virginia Street Sta. 3+80 North and West to Sunset Blvd. and rejoining the project at Sta. 46+50. Gravel Surface is in place to the end of the project.

SMP 2599-76
Stockpile Gravel Various Roads
Cascade, Lewis & Clark & Teton Co.
Contract Awarded: Jan. 23, 1976
Contract Amount: $113,775.00
Work Started: March 16, 1976

James Kraus Contractor
Great Falls, Montana
Dale Moore - Mgr. - F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 75 Working Days
Comp. Date: June 16, 1976

All work was completed June 16, 1976. Final was submitted to Division Office June 23, 1976 and will be submitted to Helena on or about October 18, 1976.

James T. Sullivan - P.E. -
Supvr. - Division construction Section

JTS/ac

Progress Report
Division 3230

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

October 15, 1976

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending October 15, 1976.

G E N E R A L

The weather this past reporting period has been favorable for construction. The temperatures have ranged from +15° to 80°.

P R E C O N S T R U C T I O N

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 mandays used to date.

HHS-95 (19)
U. S. #2 East of Havre
0.3 miles, Hill County

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

The P.I.H. changes have been completed and all design data was submitted to preconstruction Bureau on 10/7/76. This constitutes a final entry in this report.

RS-133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

One to two men worked seven mandays changing grade and balancing earthwork quantities. Design as a whole is 40% complete.

RS 357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey during this reporting period. Centerline and bench levels are 100% complete, topography is 90% complete, check levels and cross-sections are 17% complete. The location as a whole is 34% complete. The location was suspended on March 29, 1976 due to working on other projects.

CONSTRUCTION

RS-12 (19) Harlem-Turner
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: 6/10/76
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert
Miles City, Montana
George Nelson, Fld. Proj. Mgr.
Harlem, Montana
Telephone No. 353-2341
Contract Time: 140 working days
Probable Completion Date: 6/10/77

Progress has been good. Subcontractor, Rehbein Construction Co., employed 6 to 16 men on fifteen 8 to 10 hour shifts. Unclassified excavation items are 100% complete. Topsoil operations for the roadway are approximately 90% complete, with minor finishing and rock picking the only remaining work. Drainage items are approximately 95% complete. Prime contractor, Gus M. Albert, Contractor, employed an average of 17 men on eight 10 hour and two 5 hour shifts. Produced and placed 24,596 tons of 1½" Cr. Base. Crse. for a total to date of 41,687 tons or 68% complete. Contractor plans to begin moving in hot plant approximately 10/15/76. Two men on eight 8 hour shifts building fence. Fencing items are approximately 78% complete. The project as a whole is 49% complete with 49% of the contract time elapsed. An average of 10 engineering personnel are on the project.

U-95 (17) Gildford-Havre-East
U.S. 2 - Havre-Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount: $1,434,327.33
Work Started: 4/5/76

Baltrusch Construction Co., and
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 7/1/77

Progress has been fair. The prime contractor worked ten 8 hour shifts with up to 40 men employed. Several street approaches were excavated and placed with 1½" crushed base. 3,000 tons of this base material was placed on the roadway making the roadway complete with all lifts from the beginning of the project to Sta. 542+00. The placing of 1½" crushed base as a whole is 78% complete to date. 833 tons of 3/4" top surface was placed from Sta. 526+00 to 534+80 making this item 72% complete. Lift 1 of 2 type 3 plant mix was placed from Sta. 521+06 to 530+25 making this item 32% complete. The curb straight runs are complete Lt. & Rt. from the beginning of the project to Sta. 542+50. The contractor's crew has been working on the curb radii at street intersections. The curbs as a whole are 70% complete and the sidewalks are 40% complete to date. The subcontractor, Lockrem Construction Co., has been adjusting and resetting water

U-95 (17) Gildford-Havre-East (Continued)

valves. The drainage mainline is 100% complete and the drainage structures as a whole are 92% complete. The project as a whole is 55% complete with 71% of the contract time elapsed. A nine man engineering crew is assigned to inspection and construction layout.

RF 132 (13), Joplin-West
6.154 miles grade, gravel surf.,
and pl. mix surf.
Contract Let: 5/15/75
Contract Amount: $1,758,756.12
Work Started: 9/24/75

Meyer Construction Company
Billings, Montana
Hugh Klepzig, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Probable Completion Date: 10/30/76

Progress has been good. The contractor worked six 8 hour shifts on plant mix operations with up to 35 people employed. Produced and placed 13,640 tons of 3/4" type 3 plant mix surfacing material making this item 100% complete. Mark Rite Lines , subcontractor, arrived on project October 8, 1976 and completed stripping this same date using 255 gals. of white and 48 gals. of yellow paint making this item 100% complete. Installed 32 Station Markers for 100% complete. Meyer Construction Company began fertilizing and seeding on October 13, 1976 making this item 25% complete. Seeded approximately 20 acres. The project as a whole is 99% complete with 98% of the contract elapsed. A four to eight man engineering crew testing and inspecting contractor operations.

RF-62 (14), & RF-132 (14)
Shelby-Chester, Chester-West
5.36 mile grade, aggr. surf.
Surf. storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion Date: 7/1/77

Progress has been good. The contractors worked ten 8 to 10 hour shifts with up to 35 men employed. Unclassified excavation and related items are complete except for final finishing and cleanup. Drainage items and gravel surfacing are 100% complete. Curb and gutter is 95% complete, sidewalk is 20% complete. Bridge widening is 75% complete. The contractor resumed work on plant mix base 10/8/76 and have produced a total of 14,520 tons or 40% complete. The project as a whole is 68% complete with 56% of the contract time elapsed. A five to ten man engineering crew is working on inspection and layout.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South-Sunburst South
Gr., agg. surf., pl. mix
Bit. base, pl. mix bit.
Surf. structures, safety
Correction & pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/29/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 215 working days
Probable Completion Date: 9/30/77

STRUCTURES:
Progress has been good. The subcontractor, Sletten Construction Co., worked ten 8 hour shifts

with up to six men employed. Substructure concrete has been poured on Bent No. 2 and No. 3 at Sunburst Interchange Sta. 1419 with both end Bents remaining until end fills are in place. All substructure concrete has been poured except the caps on Bent No. 2, 3, 4, and 5 on structure over Railroad at Sta. 1439 with no work done on end Bents until fills are in place. No work has been done on structure at Sta. 1644 McVey Interchange. Subcontract on structures as a whole is 16% complete. A two to three man engineering crew has been engaged in inspection on this and other projects.

ROADWAY:

Contractor, Hilde Construction, began layout irrigation pipe for watering purposes, October 12, 1976. Installed construction signs, October 13, 1976. Grading operations are to start October 14, 1976, and will be working two 9 Hour shifts per day. Subcontractor, Clark & Son, did not work this reporting period. Fencing items as a whole remain 61% complete. The contract as a whole is 3.3% complete with 32.5% of the contract time elapsed. A one to two man engineering crew worked 9 days, checking notes and resetting slope stakes in field. Submitted cross section notes to Helena for computations October 1, 1976. Construction layout as a whole is approximately 87% complete.

UTILITY REVISIONS:

Marias River Electric worked two days this reporting period. Made change over at McVey Interchange and removed poles at interchange area. Their revisions as a whole are approximately 95% complete.

Northern Telephone Co-op worked 2½ days this reporting period. Reconstructed their revisions due to communication trouble. Splicing of cable remains to be completed. Revisions are approximately 95% complete.

Burlington Northern R.R. completed installation of their revisions, July 29, 1976. These revisions will be removed after construction is complete.

I-15-8 (28) 343 Unit 1
Toole County Line-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co.,Inc.(JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 250 working days
Probable Completion Date: 11/15/76

Progress has been good. The contractor worked two 9 hour shifts per day on grading and one 9 hour shift per day on culverts and surfacing. Up to 60 men are employed. Excavated and placed 169,000 Cu. Yds. of embankment between Sta. 275+00 and 429+00. 2,280,000 Cu. Yds. moved to date or 98% complete. Placed 1257 tons of 1½" CBS and 3505 tons of 3/4" CTS. Started placing plant mix on the temp. conn. to PTW, north transition on October 11, 1976. 37,371 tons of 1½" CBS and 7435 tons of 3/4" CTS Gr. A to date. The surfacing as a whole is 80% complete. Subcontractor, Western Sign Corporation, returned to the project on September 30, and placed all signing possible at this time and moved off the project on October 5th. The signing as a whole is 50% complete. Ten men are inspecting the contractor operations and bluetopping.

I-15-8 (28) 343 Unit 1 (Continued)

STRUCTURES:
Progress has been good. The subcontractor, McIntyre Construction Co., and S. Burch, Inc., have worked ten 10 hour and one 14½ hour shifts with up to 10 men employed. The deck was poured on 10/9/76 with the curbs and end post left to pour on the structure. The structure as a whole is 92% complete. A two to three man engineering crew has been engaged in project inspection on this and other projects. The project as a whole is 88% complete with 82% of the contract time elapsed.

I-15-8 (28) 343 U-2
Toole County Line-North
1-Prestressed conc. Girder underpass
& dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 150 working days
Completion Date: 9/1/76

There has been no work on the Final Estimate at this time. Work will be accomplished as time provides.

I-15-8 (28) 343 Unit 3
Toole County Line - North
Dual 481.5' prestressed Conc.
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 235 working days
Probable Completion Date:10/31/76

Progress has been fair. The contractor worked ten 8 hour shifts with up to 14 men employed. Deck stripping on north bound structure is about 90% completed. Items remaining to complete on structures is bridge rail and protective coating on North bound. The subcontractor, Hilde Construction Co., installed Median Drain CSP at Sta. 272+65 and anticipate finishing grading operations today 10/13/76. No commitment to date on when subcontractor, Bob Clark & Son Fencing Co., will do the seeding. The project as a whole remains at 98% complete with 94% of the contract time elapsed. A two to three man engineering crew has been engaged in project inspection on this and other projects.

ERFO 72 (12) Babb North
to Kennedy Cr.
0.2 miles, Glacier County
Structures & Approaches
Contract Amount: $610,356.49
Contract Let: 4/1/76
Work Started: 4/13/76

Sletten Construction Co.
Great Falls, Montana
Albert Bonner, Fld. Proj. Mgr.
Babb, Montana
Contract Time: 140 working days
Probable Completion Date: 11/15/76

Progress has been fair. The contractor, Sletten Construction Co., worked eight 8 hour shifts with three to four men employed removing detour structure. Completed structure removal on 10/13/76. The subcontractor, Kraus Construction Co., worked five to six 8 hour shifts per

ERFO 72 (12) Babb North (Continued)

week with one man employed removing detour fill and placing topsoil. Removing detour fill is 60% complete. Topsoil placement is 33% complete. The project as a whole is 96% complete with 84% of the contract time elapsed. A two person engineering crew is inspecting contractor's operations.

SMP-0899-76
Chouteau, Glacier
and Hill Counties
Crushing & Stockpile
Contract Let: 1/23/76
Contract Amount: $118,078.00
Work Started: 3/31/76

Francis Tindall
Lewistown, Montana
William J. Neely, Lab. Supr.III
Havre, Montana
Telephone No. 265-6821
Contract Time: 60 working days
Probable Completion Date:10/30/76

No work on this project. All contract items are 100% complete. Contract time has been suspended until seeding of pit area can be accomplished, in accordance with Art. 17:13 (F) 2. The project as a whole is 96% complete. 100% of the original contract time has elapsed and 80% of extention time remains. All project notes and data was submitted to the Division office on 7/22/76. All gravel quantities have been checked by Division office personnel.

TQX-220 (14) Cut Bank-West
4.95 mi. Glacier County
pl. mix surf. overlay
(skid correction)
Contract Let: 7/30/76
Contract Amount: $236,519.40
Work Started: 9/14/76

Gus M. Albert
Miles City, Montana
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 40 working days
Probable Completion date:10/30/76

Progress has been good. The contractor employed 25 men on one 8-10 hour shift per day. Produced and placed 10,060 tons of Grade B plant mix for a total to date of 14,073 tons. Completed the placing of plant mix on October 12, 1976. The centerline striping will be applied on or about October 14th. A 5 man engineering crew is inspecting the contractor's operations. The project as a whole is 95% complete with 92% of the contract time elapsed.

RF-FLH 353 (15)
Two Medicine Bridge-East
5.7 mi. Glacier County
Grade, aggr. surf., pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06

Hilde Construction Co., Inc.
Great Falls, Montana
Hugh Klepzig, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 170 working days
Probable completion date:11/15/77

No work on this project this reporting period.

Respectfully submitted,

Hazen D. Flickinger, P.E., Supv. Division
Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
OCTOBER 14, 1976

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending October 12, 1976.

GENERAL

Progress throughout the Division was fair. The weather was fair with temperatures ranging from +30 degrees to +85 degrees.

PRECONSTRUCTION

F-RF-245(12), SAVAGE - CRANE
Length - 8.0+ Miles
Survey Started - December 11, 1972

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - May 1, 1977

No work on this project during the past period. Fly line, centerline, bench levels and X-sections are 100% complete. Plotting plan and profile are 99% complete; irrigation and drainage items are 99% complete; and section ties are 99% complete. This survey remains 99% complete with 785 man days used to date.

RF-325(9), SIDNEY - FAIRVIEW
Length - 11.6+ Miles
Reconnaissance Survey

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 man days used.

RS-31(7), CIRCLE - NORTHWEST
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Length - 10.524 Miles

H. D. Kelly, Field Proj. Manager
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30, 1977

Survey was suspended March 1, 1976, with 416.5 man days used to date. The survey is approximately 47% complete.

RS-302(24), BROCKWAY - SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on Aug. 10, 1976.

RS-347(15), ALZADA - EKALAKA
2ND SECTION - 18.4 MILES
Survey Authorized - March 4, 1970

Unassigned

Targets were set and aerial photographs taken. Work will begin when personnel are available, probably during the coming period.

PROGRESS REPORT

PRECONSTRUCTION

S-359(6) 2ND SECT., MARSH - GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - June 30, 1977

No work on this project during the past period. Design remains 10% complete with 32 man days used to date.

RS-361(13), PRESSERVILLE - FAIRVIEW
Length - 6.0 Miles
Survey Authorized - Dec. 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 man days used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON - DAWSON CO. LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY - FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Fld. Proj. Mgr. -- Roadway
C. H. Neiffer, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-2877
Contract Time - 260 Working Days
Probable Comp. Date - November 30, 1977

Progress this past period has been fair. Prime contractor Joe Mayo and Son, Inc. employed 26 men for ten 9-hour shifts excavating and placing 132,265 cu. yds. of unclassified borrow making this item 65% complete. Sub-contractor Swan and Son employed 3 to 4 men for six 8-hour shifts forming headwalls and poured 1.4 cu. yds. of Class DD concrete right of "F" line Sta. 22+24.7 making this item 25% complete. Sub-contractor Schmoll Construction employed 2 men for one 5-hour shift installing additional signs on Old U. S. #10. Structure sub-contractor Swingen Construction Co., employed 24 men for ten 8-hour shifts depositing concrete for left curb on Fallon Interchange, Cap on Westbound Bent No. 3 of bridge over B. N. Railroad and back wall on Yellowstone Grade Separation, also received and set eight Type 4 forty-five foot and ten Type 4 one hundred five foot Prestressed Beams on Yellowstone Grade Separation. Construction layout remains an estimated 89% complete with 9 engineers and 5 inspectors or testers employed this past period. Project as a whole is 47% complete with 113 working days or 43% of the contract time elapsed.

PROGRESS REPORT

CONSTRUCTION

I-94-5(15)183 UNIT I
FALLON - DAWSON COUNTY LINE
Length - 0.221 Miles
Bridge Substructure and Approaches
Contract Awarded - July 29, 1974
Amount of Contract - $2,167,615.36
Work Started - August 7, 1974

Sletten Construction Co.
P. O. Box 2467, Great Falls, Montana
H. D. Kelly, Fld. Proj. Mgr., App's
A. J. Kuntz, Fld Proj. Mgr., Substr.
Glendive, Montana - Phone 365-5296
Contract Time - 300 Working Days
Comp. Date - April 21, 1976

All work was completed on this project April 21, 1976. The supporting data for the bridge portion of the contract has been turned into the Division Office where final checking is 100% complete. The notes for the grading portion of the contract have been submitted to the Division Office where checking is an estimated 95% complete. A semi-final estimate has been submitted and the revised and corrected white prints for the grading portion of the contract are almost complete and will be submitted to the Division Office within the next week. The grading portion of the final estimate is an estimated 90% complete with 1 to 2 engineers employed part time this past period.

I-94-5(15)183 UNIT 2
FALLON - DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount of Contract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A. J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Prob. Comp. Date - December 1, 1976

Progress during the past period has been good. Ten 8-hour shifts were worked with 25 employed. Girder No. 26C7 that was damaged in railroad derailment and repaired arrived at siding and hauled to project site. Field Splices were being made up on the ground and torqued by state inspectors. Erection of iron was completed for the E.B.L. except for expansion devices. Field splices over the river were all jacked to proper grade and tightening of bolts scheduled to start October 13, 1976. Project as a whole is 64% complete with 34 working days used or 26% of the contract time elapsed. Construction layout with one engineer and two inspectors on torque of bolts is 65% complete.

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker, Inc.
1831 Main, Billings, Montana 59101
H. D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Prob. Comp. Date - May 2, 1977

The project was conditionally accepted July 11, 1975, and was opened to the public on July 18, 1975. Acceptance is conditional as per Special Provision 17.44, Plant Establishment Period ending September 1, 1976. The contractor has not been present for any of the monthly inspections of the plants. All inspections have been made by the Project Manager with written reports of the findings being submitted to the contractor. The contractor has advised that none of the 35 various shrubs and trees that require replacement can be obtained this planting season. Therefore plant replacement will probably not be completed until the Spring of 1977. The project remains 99% complete with 100% of contract time elapsed. The final notes and white prints have been checked in the Division Office.

PROGRESS REPORT

CONSTRUCTION

I-94-6(23)202 GLENDIVE - WEST
I-94-6(28)209, GLENDIVE - EAST & WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surfacing
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr., Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - October 31, 1976

Progress this past period was fair. Prime contractor Joe Mayo & Son, Inc. worked ten 9-hour shifts employing 65 to 75 men. Work consisted of producing and placing 7,963 tons of 1½" Plant Mix Base for 88% complete, producing and placing 22,643 tons 1½" Crushed Base Course Gr. 5 for 90% complete, producing and placing 4,229 tons 3/4" Top Surf. Grade 3 Type B for 67% Complete. Sub-contractor Steel Structure Inc. worked three 8-hour shifts employing 6 men. Work consisted of installing 218 lin. ft. of S.P.P. Culvert for 100% complete. Sub-contractor Swan & Son, Inc. worked six 8-hour shifts employing 6 men. Work consisted of installing 250 rods of C/A Fence for 95% complete. Sub-contractor F. L. Flynn & Co. worked ten 8-hour shifts employing 6 to 10 men. Work consisted of stripping forms on Str. at Sta. 3098+29, Str. at Sta. 3227+50, and installing Br. Rail at Str. Sta. 3227+50. The project as a whole is 77% complete with 186 working days used or 77% of contract time elapsed. Construction layout with 12 engineers and 9 inspectors is estimated to be 90% complete.

I-94-6(29)226 UNIT 1
GLENDIVE-WIBAUX CO. LINE WEST(EAST SECT.)
Length - 6.339 miles
Grade and Structures
Contract Awarded - October 1, 1976
Amount of Contract - $1,619,125.62
Work Not Yet Started

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dak. 58220
David A. McCloy, Fld. Proj. Mgr.--Rdwy.
Ken Quale, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Probable Comp. Date - Nov. 1, 1977

Contractor advises that fencing and possibly some structure work will be started this fall if weather permits. Grading and culvert work will not be started until next spring. During the past period, a five man engineering crew staked centerline W.B. Lane Sta. 1048+00 to 1175+00 and reference line left Sta. 955+38 to 1077+00. Engineering layout is estimated 4% complete with a total of 73 man days to date.

BF-245(27), GLENDIVE - SIDNEY, SAVAGE - SOUTH
Length - 2.6 Miles
Grade, Aggr., Surf., Plant Mix
Bituminous Surf. and Signing
Contract Awarded - Janaury 24, 1975
Amount of Contract - $538,934.96
Work Started - April 15, 1975

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
David A. McCloy, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 120 Working Days
Comp. Date - July 20, 1976

On July 20, 1976, the project was completed with 117 working days used. Final estimate is approximately 99% complete with one man working part time.

PROGRESS REPORT

CONSTRUCTION

RF-246(21)
LINDSAY - NORTH & SOUTH
Length - 9.6 Miles
Grade, Aggr., Surf., Plant Mix Surf. & Drain
Contract Awarded - June 13, 1975
Amount of Contract - $1,446,967.13
Work Started - November 6, 1975

Gus M. Albert, Contractor
Box 370, Miles City, Montana 59301
David A. McCloy, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 220 Working Days
Prob. Comp. Date - November 1, 1976

There has been no progress this past period. Sub-contractor Swan & Son will start seeding after October 15, 1976. No time will be assessed until Oct. 15, 1976. The project as a whole is 98.8% complete, with 188 of 237 calendar days or 79% of the contract time elapsed. The construction layout with 3 men engaged is 97% complete. Final estimate is 10% complete with an estimated submittal date of February 1, 1977.

RF-391(16), LAMBERT - EAST & WEST
Length- 43.2 Miles
Plant Mix Bitum, Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, No. Dakota
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 110 Working Days
Probable Comp. Date - June 1, 1977

No work on this project during the past period. Guardrail crew is expected back on the project the week of October 11. Plant Mix Surfacing and temporary striping remain at 100% complete. The contractor plans to return and crush and stockpile cover aggregate late this fall. The project as a whole is 72% complete with 63 days or 57% of the contract time elapsed. Engineering crew is engaged on another project.

RS-128(12), WIBAUX COUNTY LINE - NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base and Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started - August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
James Baldwin, Field Proj. Mgr.
Culbertson, Montana
Contract Time - 160 Working Days
Probable Comp. Date - June 30, 1977

Progress this past period has been fair. Twenty-two men on grading and pipe crews working 9-hour shifts 5 days per week in miles 4, 5 and 6. 120,000 cubic yards of Unclassified Excavation moved to date for 27% complete; 1,742 linear feet of culverts installed for 48% complete. Five man fence crew worked two 8-hour shifts in miles 1 and 2 and have 1,974 rods of fence erected to date for 95% complete, moved off the project and will return at a later date to complete this item. Roadway portion of the project is 19% complete. Six man bridge sub-contract crew worked 8-hour shifts this past period and drove all piling, placed concrete in bents 1 and 3 and formed cap for center pier. Furnished 778 linear feet of piling for 100% complete; drove 698 linear feet of piling for 100% complete; placed 25 cubic yards of class "DD" concrete in bents 1 and 3 for 17% complete; installed 2,888 pounds of reinforcing steel for 11% complete. Bridge portion of the project is 22% complete. The project as a whole is 19% complete with 77 days or 47% of the contract time elapsed. The construction layout with a 7 man engineering and inspection crew engaged is 100% complete.

PROGRESS REPORT

CONSTRUCTION

RS-128(14), 9 MI. NORTH OF WIBAUX - NORTH
Length - 4.5 Miles
Grade, Agg., Surf. Drain
Contract Awarded - May 21, 1975
Amount of Contract - $502,201.62
Work Started - July 3, 1975

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
Dennis C. Tenney, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Comp. Date - Sept. 23, 1976

This project was completed on September 23, 1976, with 184 calendar days or 121% of the contract time elapsed. Remeasure of this project is 95% complete and will be resumed as a crew becomes available. Final estimate remains an estimated 5% complete with one man engaged part time.

RS-302(23) TERRY - BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf., Plant Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Field Proj. Manager
Glendive, Montana - Phone 365-5296
Contract Time - 180 Working Days
Prob. Comp. Date - June 1, 1977

Progress this past period has been fair. Contractor Joe Mayo & Son, Inc. worked ten 9-hour shifts employing 24 men. Work consisted of producing and stockpiling approximately 5,000 tons of 1" P.M.B.B. from Pit Lab #410139-48 making this item approximately 85% complete; hauling and placing 43,000 cu. yds. Uncl. Exc. making this item 12% complete; removing 1,140 cu. yds of culvert exc. making this item 35% complete; installed 225' of 24" C.S.P. Bit. culvert for 35% complete; 332' of 36" C.S.P. Bit. culvert for 67% complete and 101' of 84" C.S.P. culvert making this item 85% complete; fencing items remain at 95% complete except for Change Order No. 1 which is 0% complete. The project as a whole is 7% complete with 114 working days used or 63% of the contract time elapsed. Construction layout with one engineer and 4 inspectors employed is estimated to be 80% complete.

RS-347(17), ALZADA - EKALAKA
Length - 4.3 Miles
Grade, Aggr., Surf. Pl. Mix Base and Signing
Contract Awarded - November 24, 1975
Amount of Contract - $860,118.32
Work Started - March 25, 1976

Joe Mayo and Son, Inc.
Box 310, Cavalier, No. Dakota 58220
B. F. Kelly, Field Project Manager
Ekalaka, Montana - Phone 775-5582
Contract Time - 130 Working Days
Prob. Comp. Date - October 30, 1976

There has been no progress this past period. The project is temporarily shut down as all items are 100% complete except for seeding operations which will begin sometime after October 15, 1976. Sub-contractor Swan and Son has not indicated as yet when they would begin seeding operations. The project as a whole is 98% complete with 87 working days used or 66% of the contract time elapsed. Construction layout with one to two men employed computing final quantities is estimated to be 96% complete.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor
Division Construction Section

BR/sb

OCT 13 1976
CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
October 15, 1976

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending October 15, 1976.

GENERAL

The weather has varied from cool to warm with no measureable amounts of precipitation this past period. Progress on road construction has been fair. Off system roads and signing projects are progressing slowly. The temperatures ranged from a low of 22 to a high of 73 degrees.

PRECONSTRUCTION

F 193 (22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-25-75
Survey Suspended--04-26-76

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
787-5701
Est. Compl. Date--03-31-77

No work on project the past period. Centerline and bench levels remain at 60% complete, section ties at 15%. Field work on project suspended until the end of the current construction season. Estimated date of completion is March 31, 1977. The location survey as a whole is 22% complete with 235 man days used to date.

RS 239 (5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75

Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Est. Compl. Date--12-15-76

No work accomplished on project the past period. Cross sectioning remains 12% complete and mainline topography is 75% complete. Centerline, bench levels and utility topography are 100% complete. Survey is 48% complete or the mile equivalent of 3.8 miles. A total of 205 man days have been used to date on location survey. Milar detail map is 75% complete.

RS 257 (5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Survey Suspended--06-21-74
Survey Resumed--01-30-75
Survey Suspended--04-22-75
Survey Resumed--01-12-76
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act. Compl. Date--04-02-76(Location)
Est. Compl. Date--11-15-76

RS 257 (5), Tampico-Glasgow (Continued)

No work accomplished on this project this past period. Centerline, bench levels, topography and cross sectioning are 100% complete. The tying of section corners is 100% complete. Additional section ties were requested by Division Office personnel. The location survey is 100% complete. Milar detail map is 90% complete. A total of 404 man days have been used to date on location. Three man days were used on design this period. A total of 100 man days have been used to date on design which is 30% complete. Public hearing scheduled for October 19, 1976.

RF 266 (14), Scobey-South
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--

Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Est. Compl. Date--

Public hearing held on October 7, 1975. Preliminary alignment has been established on auto screen map. Property owners have been contacted for written authorization to survey.

CONSTRUCTION

RS 15 (17) & RS 202 (6), Poplar-North and Brockton-North
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--60
Prob. Compl. Date--06-15-77

There was no progress the past period. The only work remaining on contract items is seal, cover and traffic striping. Project is 85% complete with 95% of the project time elapsed. One engineering personnel working periodically on the project.

RS 98 (7), Wolf Point-North & East Loop (West Section)
13.5 Miles in Length
PLANT MIX BITUMINOUS OVERLAY & SEAL & COVER
Contract Let--06-12-75
Contract Awarded--06-13-75
Work Started--07-10-75
Proceed Order Date--07-17-75
Bid Price--$412,133.50

Gus M. Albert, Contractor
Miles City, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--100
Prob. Compl. Date--11-01-76

Project is 99% complete with 70% of the contract time elapsed. The only work remaining is seeding gravel pit area which will be accomplished this fall. One engineering personnel working periodically on the final.

RF 153 (12), U-1 Dodson-North
0.3 Miles in Length
GR.AGG.SURF.,ROAD MIX SURF., & STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Const., Inc. & Affiliates
Havre, Montana
George L. Nelson, Field Proj. Mgr.
Malta, Montana
654-1391
Working Days--120
Prob. Compl. Date--06-01-77

The project is approximately 86% complete. The major work remaining is the repair of the road mix surfacing and seal and cover. Contract time was suspended 08-03-76 waiting for the road mix to cure. 84% of the contract working days have been used. All personnel are assigned to other projects.

RF 240 (13), Lighting on US 2 East-Wolf Point
0.53 Miles in Length
Contract Let--06-10-76
Contract Awarded--06-15-76
Proceed Order Date--07-06-76 (See S.P. 1B)
Work Started--09-24-76
Bid Price--$36,969.00

Midland Electric Co., Inc.
Billings, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--45(See Special Provision)
Prob. Compl. Date--01-15-77

Progress consisted of installing 2400' of 1" steel conduit for a total to date of 3000 or 53% complete. Placed 7.7 cu. yds of class "D" concrete for a total to date of 7.7 cu. yds or 100% complete. Project is 30% complete with 31% of the contract time elapsed. Two contractor employees worked eleven eight-hour shifts. One inspector is engaged on the project.

RS 337 (15), Loring-South
8.964 Miles in Length
GR.AGG.SURF.,PL.MIX BIT.BASE
Contract Let--09-26-74
Contract Awarded--09-27-74
Proceed Order Date--10-18-74
Work Started--04-16-75
Bid Price--$989,941.10

Gus M. Albert, Contractor
Miles City, Montana
George L. Nelson, Field Proj. Mgr.
Malta, Montana
654-1391
Working Days--150
Prob. Compl. Date--10-15-76

The project remains 100% complete with the exception of seeding of the gravel pit which cannot be done until the fall seeding season. 144 of the 153 contract working days have been used for 94%. All personnel are assigned to other projects. Five man days were used by Division Office personnel checking final supporting data.

SMP 4399-75, Maintenance Stockpiles
McCone,Richland,Roosevelt & Valley Counties
CRUSH & STOCKPILE
Contract Let--12-18-75
Contract Awarded-12-19-75
Proceed Order Date--01-09-76
Bid Price--$171,460.00

Francis Tindall, Contractor
Lewistown, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--95

SMP 4399-75, Maintenance Stockpiles (continued)

Project is 100% complete with the exception of final cleanup and seeding of the pit areas. 94% of the contract time has elapsed. One engineering personnel working periodically on the final. Final was submitted to the Division Office 08-09-76 for checking.

Respectfully submitted,

For Vernon D. Borden, P.E.
Supr.-Div. Constr. Section

VDB:BH:psb

cc: Field Project Managers
Don Williams
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

October 15, 1976

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the reporting period ending October 15, 1976.

GENERAL

Temperatures ranging from +40 to +70 prevailed during the reporting period. A varying amount of precipitation was received throughout this area. Fair progress has been reported on the construction projects.

PRECONSTRUCTION

I 90-9(49)510
Custer Battlefield Intch. Revision
Length 0.5 Miles
Work Not Started
Survey Authorized 6-11-76

Robert E. Ewing, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 2-1-77

Work will commence as soon as personnel are available.

U 53(18) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

No work was accomplished on this project during the past reporting period. Design work is 25% complete.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75
Work Not Started

Billings Division Office
Billings, Montana
Probable Completion Date 3-1-77

Survey will commence as soon as personnel are available.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

John T. Miner, Fld. Project Mgr.
Hysham, Montana
Probable Completion Date 12-15-76

Work was suspended on February 20 and will continue when personnel are made available.

S 45(12) Brandenberg-Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-79

No work was accomplished on this project during the past reporting period. Design work is 52% complete.

RS 129(15) Columbus - North
3.6 Miles
Survey Authorized 12-10-75
Survey Started 12-22-75

Michael Zahn, Fld. Project Mgr.
Columbus, Montana
Probable Completion Date 11-15-76

No personnel were assigned to this project during the past reporting period. The project remains 67% complete with 234 man days reported to date.

S 252(4) Rosebud South (North Section)
8.239 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 12-31-76

Three employees worked on this project during the past reporting period making the recommended pre-plan-in-hand changes. Design work is 30% complete.

S 260(10) Lodge Grass - St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-20-77

No work was accomplished on this project during the past reporting period. Design work is 50% complete.

DP 334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Busby, Montana
Phone No. 592-3663
Probable Completion Date 11-15-76

A four man engineering crew began running levels to the vertical control points on the second eight mile section of the project. The remainder of the reporting period was spent on project RF-FLH 334(25). The project is 46% complete.

I-IG 90-8(64)391 U1 & I 90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Work Started 6-26-75
Contract Awarded 6-5-75

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Columbus, Montana
Phone No. 322-5952
Contract Time: 260 Working Days
Probable Completion Date 10-30-76

Bridge items are 100% complete. Grading items are 99% complete. Seeding items are 71% complete. Drainage items are 97% complete. Surfacing items are 100% complete. Frank Gurney, Inc., subcontractor on the subject project has been installing guardrail. They are working one 8-hour shift per day with eight men employed. Guardrail items are 65% complete. Swan and Son, Inc., subcontractor on the subject project, has been installing fence. They are working one 8-hour shift per day with eight men employed. Fencing items are 86% complete. A three man engineering crew has been inspecting construction, computing quantities and checking notes. Construction layout is 99% complete. The project is 98% complete with 73% of the contract time elapsed.

I 90-9(28)509 U1 & I 90-9(34)491 &
FI 188(10) Garryowen North & South
8.1 Miles of Grading Agg.
Surf., Pl. Mix Surf., Fencing
Signing & Related Items
Contract Let 4-24-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire
Sand & Gravel Co's., Contractors
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Probable Completion Date 11-15-76

Fair progress. The contractor worked nine 9-hour shifts with 40 men employed on crushing, hauling and processing gravel. Crushing and placing 3" and 1½" gravel on westbound and east frontage road from Stations 890+ to 30+00. A total of 435,143 tons of gravel hauled to date or 88% complete for gravel. Westbound and East Frontage Road primed from Station 34+00 to 240+00. Overlay paving being done from Station 802+ to 885+00 Eastbound and Westbound lanes. On the FI 188(10) portion of this contract the work consisted of finishing curb removal and removal of unclassified excavation between Westbound and Eastbound lanes. Plant mix base overlay completed on Westbound and Eastbound from Station 754+ to 799+. The contract as a whole is 65% complete with 74% of time elapsed or 210 working days used. A twenty person engineering crew is engaged in bluetopping, running line, staking signs, gravel checking and various inspections for hot plant and gravel and related office work.

I 90-9(28)509 Unit 2
Structures on Garryowen
North and South
0.030 Mile in Big Horn Co.
Contract Let 8-15-74
Amount of Contract - $638,451.76
Work Started 10-16-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 170 Working Days
Completion Date 5-11-76

Final data was submitted to Helena on October 8, 1976. This will be the final report on this project.

I 90-9(48)500 Crow Agency Frontage Rd.
8.3 Miles Agg. Surf., Plant Mix Base
Amount of Contract - $370,789.95
Contract Let 12-18-75
Contract Awarded 12-23-75
Work Started 8-23-76

Empire Sand & Gravel, Contractor
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 120 Working Days
Probable Completion Date 5-30-77

All paving was completed 9-29-76. The project is 92% complete with 82% or 98 working days used to date. The project is shutdown until seal coat can be applied next spring.

I 94-1(27)23 Unit 1
Grading and Fencing on the
Pompeys Pillar-East (West Sec.)
Road in Yellowstone County
Contract Let 6-13-74
Amount of Contract - $2,257,636.45
Work Started 7-1-74

Wickens Brothers, Contractor
Suffolk, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 875-2503
Pompeys Pillar, Montana
Contract Time: 350 Calendar Days
Completion Date 10-7-76

The contractor worked three 9-hour shifts completing minor cleanup work with three men employed. The project was completed and accepted on October 7, 1976. No engineering personnel were assigned to the project. One man will begin compiling the final estimate on October 18, 1976. The engineering layout is 99% complete.

I 94-1(27)23 Unit 2
Structure on Pompeys Pillar
East (West Section)
0.085 Miles in Yellowstone Co.
Contract Let 8-15-74
Amount of Contract - $1,219,075.98
Work Started 9-12-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 230 Working Days
Completion Date 7-2-76

Work on the project has been completed. Seven man days have been charged to the project for final computations during the newsletter period. Final computations are 98% complete.

I 94-1(41)23 Pompeys Pillar-East
Agg. Surf., Plant Mix Surf.,
Gr. Rail & Signing
11.526 Miles-Yellowstone County
Contract Let 11-14-74
Amount of Contract - $2,147,544.57
Work Started 11-22-74

Hilde & Maronick Const. Company
Helena, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 875-2503
Pompeys Pillar, Montana
Contract Time: 200 Working Days
Completion Date 9-9-76

The project was completed and accepted September 9, 1976. One person is working in the office compiling the final estimate which will be turned into the Division Office about October 15, 1976.

I 94-2(17)60 U1 & I 94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Let 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 300 Working Days
Probable Completion Date 7-1-77

Fair progress. One working day was lost to adverse weather conditions. Wickens Brothers, contractor worked nine days on grading and drainage items. Fourteen men are being employed by the Contractor, and work is normally scheduled for five 9-hour shifts weekly. Empire Sand and Gravel Company, Inc., contractor, is presently moving crushing equipment onto the project. They intend to begin base surfacing operations this week. Six men are presently employed and work is scheduled for five 10-hour shifts weekly. Percentage complete of the various items are as follows: Grading 80%. Drainage 84%. Surfacing 15%. Structure 97%. Fencing 76%. Signing 8%. Project as a whole 48%. Ten employees are presently assigned to the projects. Construction layout is 50% complete. 210 of the allotted 301 working days have now been used, making 70% of the contract time elapsed.

I 94-2(17)60 Unit 2
Structures on Hysham East & West
0.061 Miles in Treasure County
Contract Let 5-29-75
Amount of Contract - $587,720.44
Work Started 7-1-75

Huchaba Construction, Contractor
Whitehall, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 175 Working Days
Completion Date 9-13-76

Work on the project has been completed. Nineteen man days have been charged to the project for final computations during the newsletter period. Final computations are 93% complete.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles-Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Work Not Started

McEachern Const. Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 8-1-77

A four man engineering crew was engaged in slope staking and pipe staking between Station 240+00 and Station 393+26.1. One man worked in the office plotting pipe and preparing notes. Center and R/W lines are 100% complete. Slope and pipe staking are 30% complete. The engineering layout is 7% complete.

RF 188(9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 5-1-77

Good progress with one day lost due to rain. Placing of the first lift of 1½" Plant Mix base was began on 3rd St. on October 8, 1976. It is being placed between Station 90+00 and 148+76. Plant Mix Aggregate crushing was completed on October 8, 1976. 1" conduit was placed on Center Avenue between Station 28+29 and 55+57 and on 3rd St. between Station 91+53 and 96+00. This completes the major portion of this work. Curb and gutter was placed on Center Ave. between Station 10+60 and 24+71 and on 3rd St. between Station 93+50 and 98+53. Sidewalk was placed between Station 10+40 and 41+18 on Center Ave. and on 3rd St. between Station 90+51 and 93+58. The contractor worked five 8-hour shifts with twelve men employed and four 8-hour shifts with seven men employed. Sandon Construction Co., a subcontractor worked nine 8-hour shifts with eight men employed. Midland Electric Company, subcontractor, worked four 8-hour shifts and one 4-hour shift with four men employed. Meyer Construction Company, subcontractor, worked eight 8-hour shifts with twenty-three men employed and two 8-hour with seventeen men employed. Schmoll Construction Company, subcontractor, worked two 2-hour shifts with three men employed. A total of fifty men were employed on the project this reporting period. The miscellaneous items are 59% complete. Grading items are 88% complete. Drainage items remain 95% complete. Surfacing items are 68% complete. Curb and gutter items are 58% complete. Fencing items remain 43% complete. Signing and lighting items are 30% complete. The project as a whole is 73% complete with 115 days of the 183 working days allowed having been used, or 63% of the contract time elapsed. One five man survey crew has been staking signs and curb and gutter and running poppy line for paving. Two men have been working in the office. Two men are on curb and gutter and sidewalk inspection. A three man crew is assigned to the Plant Mix operation. Engineering layout is 80% complete.

RF-FLH 334(25) Busby-Lame Deer 3rd Sec.
Crow Agency - Broadus Road
Grade, Drain Agg. Surf., Pl. Mix
Bit. Surf., & Signing 5.8 Miles
Amount of Contract - $2,257,153.79
Contract Awarded 6-9-75
Work Started 9-29-75

Hilde Construction & Maronick Const.
East Helena, Montana
Raymond J. Schaak, Fld. Project Mgr.
Phone No. 592-3663
Busby, Montana
Contract Time: 180 Working Days
Probable Completion Date 11-1-76

Poor progress. The fencing and seeding subcontractor worked five 9-hour shifts during the past two weeks. Work in progress consists of removing temporary and installing permanent fence at various locations throughout the project and on seed bed preparation. Seeding operations are scheduled to begin on October 15, weather permitting. All items are as follows: Grading 100% complete. Drainage 100% complete. Aggregate surfacing 100% complete. Bituminous surfacing 100% complete. Miscellaneous 90% complete. Signing 100% complete. Erosion control 50% complete. A five man engineering crew is assigned to construction inspection and layout. The project is 98% complete with 73% of the contract time elapsed. Construction layout is 99% complete.

M 1006(1) Broadwater Avenue
12th to 14th St. West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 6-1-77

The contractor had an average of eleven men employed and worked nine 8-hour shifts finishing the laying and backfilling of the water and sewer lines. Started the excavation of the street between 5+50 and 14+00 on Broadwater Ave. and for the binwall on 12th St. West. The subcontractor, Barry O'Leary construction company, had eleven men employed hauling 3" grade 2"A" base course between 7+45 to 14+00 on Broadwater Ave. Broadwater Avenue was opened to through traffic on October 12, 1976. Excavation street is about 66% complete. Compaction-roadbed is about 60% complete. Base course 3 inch grade 2"A" is about 17% complete. Soil Pipe-CI 8" Service weight is 100% complete and Pres Pipe-Ductile 8" CL 150 is 100% complete. All other items remain the same as previously reported. Contract time elapsed has been 75 working days or 75% to date and 25 working days remain. Ten working days have been added through change orders. Engineering time charged to the project has been 60 man days during the past reporting period. The project as a whole is approximately 40% complete.

M 1008(2) Central Ave. Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Construction Co., Contr.
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date 11-15-76

The Prime contractor, Sletten Construction Company, and an average of seven men employed and worked ten 8-hour shifts forming deck, backwalls and overhang and placing reinforcing steel for the backwalls and deck of the structures. The sub-

contractor, Midland Electric Company had two men employed and worked one 4-hour shift augering seven lightpole bases. The subcontractor, Stolzenburg Inc., had two men employed and worked two 8-hour shifts backfilling around the structure. Structural Steel is approximately 35% complete and reinforcing steel is about 85% complete. All other items remain the same as previously reported. Contract time elapsed has been 76 working days or 50% to date and 75 working days remain. Engineering time charged to the project has been 39 man days during the past reporting period. The project as a whole is approximately 47% complete.

RS 129(14) Columbus-Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing and
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contr.
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 322-5952
Columbus, Montana
Contract Time: 150 Working Days
Probable Completion Date 5-30-77

Bridge items are 100% complete. Grading items are 100% complete. Surfacing items are 91% complete. Fencing items are 83% complete. Seeding items are 93% complete. Drainage items are 100% complete. Meyer Construction Company worked five 8-hour shifts with five men employed doing cleanup work. Mark Rite Lines worked one 8-hour shift with three men employed. They painted temporary centerline and no passing zones. Western Sign Corporation completed installing guardrail and signs. They worked six 9-hour shifts with six men employed. Guardrail items are 100% complete. Signing and striping items are 43% complete. A two man engineering crew has been inspecting construction, computing quantities and checking notes. Construction layout is 98% complete. The project is 97% complete with 92% of the contract time elapsed.

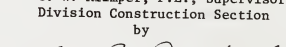
HHS 212(20) Lodge Grass - North
6.0 Miles Pl. Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount - $322,491.40
Contract Awarded 5-14-76
Work Started 8-25-76

Empire Sand & Gravel Co., Inc.
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 5-30-77

This project is now under shutdown due to the time limitations for Seal Coat operations. There has been 64 days used with six days remaining. The contract as a whole is 92% complete.

Respectfully submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section
by



J.B. Randall, P.E., Asst. Supr.
Division Construction Section

CWK/JBR/cw

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
October 15, 1976

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending October 15, 1976, for Division 5230 - Miles City, Montana.

GENERAL

Mostly clear skies and occasional windy periods along with temperatures ranging from 29° to 76° prevailed during the period. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

RS 45 (12) - Garland-Northeast Extension
Length - Approx. 1.5 Miles
Survey Not Started

Field Project Manager - Not Assigned
Probable Completion Date: Jan. 15, 1977

Engineering personnel will be assigned to this 1.5 mile extension of Project RS 45 (12) as soon as available.

S 252 (4) - 8 Mi. So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974

Ray R. Garland, Field Project Manager
Forsyth, Montana - Tel. No. 356-2230
Probable Completion Date: June 15, 1977

To date, centerline and levels have been run and ownerships checked on 9.0 miles or 100% complete. 100 man days have been used. The survey as a whole is 29% complete.

DP 252 (5) - Rosebud-South
(Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: March 15, 1977

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94
(Center Section)
Length - Approx. 17.9 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: Jan. 30, 1977

No work was performed on this project during the past period. A total of 387 man days have been used to date. Ground control work for photogammetry design has been completed. Further field work will not be performed until requested.

DP 362 (9) - Lame Deer-Colstrip (South Section)
Length - Approx. 9.0 Miles
Survey Not Started

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: April 15, 1977

Authorization to make this location survey was issued June 18, 1976. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approx. 22.0 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approx. 20.4 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Authorization to make a ground control survey for design mapping was issued June 2, 1976. Engineering personnel will be assigned when available.

RS 460 (10) - Boyes-South on SR-544
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975

Robert E. Swanson, Field Project Manager
Broadus, Mt. - Tel. No. 436-2891
Probable Completion Date: June 15, 1977

Field Project Manager, Robert E. Swanson, and crew were assigned to this project August 1, 1975. Work in progress since that date has consisted of checking ownerships and securing Right-of-Entry Permits and establishing fly line.

CONSTRUCTION

I 94-3 (29) 90 U-1 - East Forsyth Interchange
Construction of a Dual 194' Concrete Girder Overpass & Approaches
Contract Let: May 29, 1975
Proceed Order: June 26, 1975
Amount of Contract: $514,972.17
Work Started: July 10, 1975

COP Construction Company, Contractor
Billings, Montana
Walter D. Dane, Field Project Manager
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 150 Working Days
Actual Completion Date: August 5, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions August 5, 1976. Formal inspection and acceptance were made August 6, 1976. The final estimate was submitted to Helena October 6, 1976. This will be a final report.

I 94-3 (29) 90 U-2 - Forsyth-E & W
Length - 5.745 Mi. Grad., Gravel Surf. Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Fld. Proj. Mgr. (Structure)
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

I 94-3 (29) 90 U-2 - Forsyth - E & W (Continued)

RRS 384 (8) - US 12-I Conn.-Forsyth
Length - 0.306 Miles Grad., Gravel Surf., Pl.
Mix Surf., Sign., & 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Progress during the past period has been good. 100,000 cubic yards of unclassified excavation were moved making a total of 375,000 cubic yards or 26% complete. 100,000 cubic yards of unclassified borrow were moved making a total of 225,000 cubic yards or 45% complete. 148 lineal feet of CSP culvert have been placed making a total of 1,364 lineal feet or 37% complete. 372 lineal feet of RCP culvert were placed making a total of 372 lineal feet or 29% complete. 566 lineal feet os SSPP culvert were placed making a total of 566 lineal feet or 69% complete. 264 rods of fence were installed making a total of 1,547 rods or 40% complete. 15,117 tons of plant mix seal have been placed or 80% complete. 3,740 tons of Type 3 plant mix surfacing have been placed or 8% complete. The contractor worked twenty 9-hour shifts with 125 men employed. The structures as a whole are 17% complete. The contract as a whole is 27% complete with 31% of the contract time elapsed. Construction layout, with a ten-man engineering crew engaged, is 70% complete.

I 94-3 (27) 114 - Hathaway-East & West
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: July 30, 1977

Progress during the past period has been good. Grading operations are complete. 34,886 tons of 3" crushed base surfacing were produced making a total of 39,839 tons or 46% complete. 1,711 tons of 1½" crushed base surfacing have been produced or 3% complete. 80 lineal feet of CSP culvert were installed making a total of 1,475 lineal feet or 92% complete. SSPP culvert and RCP culvert are 100% complete. The contractor worked ten 9-hour shifts during the past period with 6 men employed. The subcontractor worked ten 8-hour shifts during the past period with 16 men employed. Structures as a whole are 99% complete. The project as a whole is 75% complete with 58% of the contract time elapsed. Construction layout, with a four-man engineering crew engaged, is 80% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf. and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1977

RF 156 (15) & (17) Continued

Progress during the past period has been good. 1,135 cubic yards of unclassified excavation were moved making a total of 229,987 cubic yards or 95% complete. 302 lineal feet of CSP pipe were placed making a total of 3,058 lineal feet or 89% complete. 23,827 tons of plant mix bituminous surfacing Type 2 were placed making a total of 32,360 tons or 71% complete. 63.3 cubic yards of concrete Class DD were placed or 100% complete. 100 rods of farm fence Type 4W were installed for a total of 2,908 rods or 97% complete. The prime contractor worked fifteen 9-hour shifts with an average of 65 men employed. The fencing subcontractor worked ten 8-hour shifts with 4 men employed. The project as a whole is 42% complete with 56% of the contract time elapsed. Construction layout, with an eleven-man engineering crew engaged, is 76% complete.

BRF 262 (19) - Broadus-Wyoming Line
Construction of a 121.5' Steel & Concrete Girder Bridge & Approaches over the Little Powder River
Contract Let: February 27, 1975
Proceed Order: April 16, 1975
Amount of Contract: $428,992.40
Work Started: June 4, 1975

COP Construction Company, Contractor
Billings, Montana
Robert E. Swanson, Fld. Proj. Mgr. (Appr.)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Broadus, Mt. - Tel. No. 436-2891
Contract Time: 125 Working Days
Probable Completion Date: Nov. 1, 1976

No work was performed on this project during the past period. To date, all items on this project are 100% complete with the exception of seeding and fertilizing. The project as a whole is 99% complete with 98% of the contract time elapsed. Construction layout is 99% complete.

RF 407 (6) - Broadus-South
Length - 5.5 Miles Grade, Gravel Surf. & Plant Mix Bit. Surf.; 11.4 Miles Seal & Cover and 29.4 Miles Delineation
Contract Let: May 15, 1975
Proceed Order: June 11, 1975
Amount of Contract: $1,259,213.07
Work Started: July 30, 1975

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Robert E. Swanson, Field Project Manager
Broadus, Mt. - Tel. No. 436-2891
Contract Time: 200 Working Days
Probable Completion Date: Nov. 15, 1976

Progress during the past period has been fair. Work in progress consisted of general cleanup of the project. To date, all items are 100% complete with the exception of seeding and fertilizing. 468 pounds of seed have been applied or 31% complete. 2,342 pounds of fertilizer have been applied or 34% complete. The contractor worked five 9-hour shifts with an average of 6 men employed. The project as a whole is 95% complete with 96% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 99% complete.

RS 45 (14) - Garland-Miles City
Length - 6.6 Miles Grade, Gravel Surf. and Plant Mix Base Surfacing
Contract Let: April 24, 1975
Proceed Order: May 21, 1975
Amount of Contract: $1,140,419.89
Work Started: May 12, 1975

Joe Mayo & Son, Inc., Contractor
Cavalier, North Dakota
Delmer F. Borer, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Actual Completion Date: Sept. 2, 1976

RS 45 (14) Continued

All items were completed in conformance with Plans, Specifications, and Special Provisions September 2, 1976. Formal inspection and acceptance were made September 3, 1976. The final estimate with a two-man engineering crew engaged, is 65% complete and will be submitted to the Division Office about October 30, 1976.

M 8009 (1) - Signals at Main & 8th Street - Miles City
Contract Let: September 30, 1975
Proceed Order: October 22, 1975
Amount of Contract: $24,447.40
Work Started: April 26, 1976

Miles City Electric Co., Contractor
Miles City, Montana
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 45 Working Days
Actual Completion Date: August 17, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions August 17, 1976. Formal inspection and acceptance were made August 23, 1976. The final estimate with a one-man engineering crew engaged, is 87% complete and will be submitted to the Division Office about October 30, 1976.

Kenneth G. Rapp, P. E.
Supr.-Div. Constr. Section

KGR:DM:dk

cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

October 15, 1976

State of Montana
Department of Highways
Helena, MT 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period October 2, 1976, through October 15, 1976.

GENERAL

The temperatures varied from 81 degrees above to 24 degrees above zero with 0.41 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale - East and Two Dot - West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Authorized: 5-26-70
Survey Started: 1-4-71
Survey Completed: 4-5-73

Mitch J. Miller, Designer
Lewistown, Montana
Telephone: 538-8732

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on April 16, 1973. Bridge Situation Survey was submitted to Helena on September 18, 1973. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on September 18, 1973. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the Project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Bridge Situation Surveys were submitted to the Preconstruction Section in Helena on September 18, 1973. Additional information was submitted to the Hydraulics Section, Helena, for their use in designing preliminary recommendations. I.B.M. sheets for run No. 2 were received from Helena on September 29, 1976. Tracing Plan and Profile Linens remain 80% complete. Ten man-days were used plotting templates and computing volumes for 95% complete. The design as a whole is 25% complete with 116½ man-days expended to date.

RS 14 (12) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8-30-74
Survey Started: 3-25-76
Survey Completed:

Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

No work was performed on this project the past reporting period as personnel are presently working on construction projects in the Denton area.

RS 68 (7) PN-Lohse Ferry Bridge and Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5-30-75
Survey Started: Not Yet

Unassigned at this time

Authorization to proceed with location along the Alternate "E" Route was received from Helena on June 3, 1975. No crew has been available due to construction schedule. Location will begin when time permits and a crew becomes available.

RF 235 (38) Geyser-Stanford
Approximate Length: 12.51 Miles
Survey Authorized: 1-22-74
Survey Started: 1-6-75
Survey Suspended: 4-7-75
Survey Resumed: 1-22-76

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field survey work was suspended January 30, 1976, resumed February 18, 1976, and suspended February 20,1976. Items and percentage complete are as follows: centerline, bench levels, and land ownerships 100% complete; cross-section 95% complete; checking filed notes 90% complete; topography 44% complete; section ties 16% complete; plotting cross-sections and profile are 12% complete. A total of 397 man-days have been expended and the survey is 82% complete.

ER 72 (23) Lewistown-Southeast Fergus County
Approximate Length: 0.445 Miles
Survey Authorized: 12-31-75
Survey Started: 7-20-76
Survey Suspended: 7-29-76
Survey Resumed: 9-27-76

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

A five-man crew worked four days taking preliminary cross-sections from Station 219+15 to Station 306+50. Preliminary cross-sections are about 90% complete. Four men worked one day and three men worked two days cutting brush for taking preliminary cross-sections. Centerline run, bench marks set, and levels ran and checked are 100% complete. Additional topography is required so topography is about 80% complete. A total of 30 man-days were expended this work period for a total of 62 man-days expended to date. The location survey is about 75% complete.

F 256 (35) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2-14-72
Survey Started: 11-25-74

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field Location Survey was suspended January 3, 1975. Work completed to date includes: obtaining permission to survey permits, land ownerships, flyline, centerline, bench levels established and check levels. Section ties are 30% complete; cross-sections are 15% complete, topography 10% complete, plotting cross-sections and profile are 15% complete. A total of 145 man-days have been expended with the location survey 39% complete.

S 258 (6) Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4-10-73
Survey Started: 9-10-73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field Notes check and reduced cross-section notes from Sta.598+80 to Sta.757+24.9 for a total to date of 14.0 miles or 95% complete. Plotting topography and drainage from Sta. 598+ 80 to Sta. 757+24.9 for 14.0 miles or 100% complete; plotting profile from Sta. 0+00 to Sta. 757+24.9 for 14.0 miles or 95% complete. A total of 553 man-days have been used and the survey is 95% complete.

DESIGN: Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 5% complete with 19 man-days expended.

ER 72 (21) Melstone-Mosby
Approximate Length: ± 0.379 Miles
Survey Authorized: 1-27-76
Survey Started:
Survey Completed:

Unassigned at this time

Geology Department started and completed foundation core drilling February 25,1976. No location work has begun on this project. Survey work will be accomplished when a field survey crew becomes available.

SRS 4148 (52) Various Locations
Grade Crossing Signals

Off-System

Detailed drawings of the Grade Crossing at Stanford, Windham, and Central Avenue, Lewistown, have been sent to the R/W Bureau for further processing.

RF 8 (22) White Sulphur Springs-Harlowton
Length: 6.935 Miles
Grade, Gravel, Plant Mix Surface and Drain
Meagher County
Contract Awarded: 10-3-74
Bid Price: $1,766,953.86
Work Started: 5-13-75

Hilde Construction Company and
Maronick Construction (JV)
Great Falls, Montana
Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 180 working days
Probable Compl. Date: 11-15-76

No work has been done on this project the past reporting period. The prime contractors, Hilde and Maronick, Inc., anticipate pit reclamation as soon as the water in the pit has drained. Removal of approach to the project and fence closure will be accomplished at this time. The project as a whole is approximately 98% complete with 88% of the contract time elapsed. The engineering crew has been assigned to other projects in and around the Lewistown area.

ER 72 (15) Armells Creek Slide
Grade, Channel Change, and Riprap
0.05 Miles Fergus County
Contract Awarded: 8-30-76
Bid Price: $143,208.10

Rehbein Contracting, Inc.
Plains, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 40 working days
Probable Compl. Date: 6-1-77

Progress during the past reporting period has been good. The contractor, Rehbein Contracting, Inc., worked eight men ten 9-hr. shifts. The contractor moved 20,000 Cu. Yd. of unclassified excavation or 73% complete; installed 20 ft. of 24" CSP and relaid 18 ft. of 24" CSP or 100% complete. The project as a whole is 42.8% complete with 50% of the contract time elapsed. Engineering layout is 90% complete with a two-man engineering crew assigned to the project.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix
Bituminous Surfacing, Sewer Installation,
Signing, Lighting, and a 40.0 Prestressed
Concrete Bridge over Spring Creek
Contract Let: 4-1-76
Bid Price: $1,820,322.90
Work Started: 5-24-76

Washington Construction Company
P. O. Box 1502
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 160 working days
Probable Compl. Date: 8-1-77

continued...

U-RF 103 (15) Lewistown-North continued...

Progress the past two weeks has been good. 1423 tons of 1½" TACBC Material were produced making a total to date of 64,223 tons or 100% complete; 1380 tons of Plant Mix Bituminous Base Material were produced for a total to date of 22,247 tons or 97% complete; 4195 tons of Type 3 Plant Mix Bituminous Surfacing Material were produced making a total of 11,705 tons or 92% complete; 2770 lineal feet of concrete curb and gutter were placed for a total of 10,670 lineal feet or 92% complete; 200 cu. yds. of Class 3 Riprap were placed making a total of 2300 cu.yd. or 100% complete; 57 cu. yds. of Class 2 Riprap were placed for 85% complete; signing installation is 85% complete. Items previously shown as 100% complete are: Unclassified Excavation, Street Excavation, Large and Small Drainage Structures, Storm Sewer Line, Manholes and Waterline Installation.

Prime contractor worked nine 8-hr. shifts with six to ten men employed. Sub-contractor, McIntyre Construction Company, worked five 10-hr. shifts with 20 men employed. Sub-contractor. Western Sign Company worked five 9-hn shifts with five men employed, and curb and gutter sub-contractor worked nine 9-hr. shifts with five men employed.

The project as a whole is 82% complete with 62% of the contract time elapsed. Construction layout with a 10-man engineering crew assigned for inspection and supervision is 100% complete.

BRIDGE: The sub-contractor, F.L.Flynn and Company, has made good progress on the bridge over Spring Creek. Abutment No. 2 has been completed and the sheet piling removed. The nine prestressed beams have been set and the contractor is begining to deck the structure. All sub-structure items are now 100% complete, Class AD concrete is 67% complete and prestress beams 100% complete. A total of seven men are employed on this phase of the project and they have worked 45 to 50 hours per week. The structure as a whole is 60% complete. Two engineering employees are assigned to this phase of the work.

RF 138 (8) Roundup - North
Grade, Gravel, Plant Mix Surfacing, Bridge
Project Length: 6.2 Miles
Contract Awarded: 5-24-76
Work Started: 7-1-76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Telephone: 323-2040
Roundup, Montana
Contract Time: 180 Working Days
Probable Compl. Date: 9-15-77

Progress the past two weeks has been fair. 50 to 55 men have worked two 8-hour and eight 10-hour shifts on grading, culverts, and gravel crushing. 454 lineal feet of 24" Cl.2 RCP has been installed for a total of 1374 lineal feet or 80% complete. 56 lineal feet of 36" Cl. 2 RCP has been installed for a total of 126 lineal feet or 68% complete. 66,481 cu. yds. of Unclassified Excavation have been moved for a total of 377,036 cubic yards or 74% complete. 25,110 tons of 1½" CBC Type A have been produced and placed on the roadway between Sta. 454+38 and Sta. 644+43.7. A 12-man engineering crew is assigned to the project inspection and layout. 38% of the project is complete with 43% of the contract time elapsed.

BRIDGE: 100% complete, pending final inspection by Helena forces.

RS 49 (10) Fort Logan-White Sulphur Springs
0.9 Miles Structure and Approaches
Contract Let: 11-14-74
Contract Awarded: 11-15-74
Bid Price: $426,589.77
Work Started: 12-10-74

Sletten Construction Company
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 547-2100
Contract Time: 150 Working Days
Completion Date: 8-24-76

The project was completed on August 24, 1976, with 93% of the allotted contract time used. On August 27, 1976, Mr. R. W. Freeman, Division Construction Supervisor, and the Meagher County Officials made their final acceptance of the project. Final Estimate and supporting data are being checked for submission to the division office.

RS 71 (6) Ryegate-South
Gravel, Plant Mix Base, and Stripe
Contract Awarded: 4-29-76
Contract Amount: $424,429.54
Work Started: 5-20-76

R. J. Studer and Sons Const. Co.
P.O. Box 20204
Billings, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 90 Working Days
Probable Compl. Date: 10-31-76

No work has been done on the project during the past reporting period. The prime contractor plans to seed the pit area and other areas to be seeded beginning on October 15, 1976, weather permitting. The project as a whole is 99% complete with 89% of the contract time elapsed. Engineering layout is 100% complete with the two-man engineering crew assigned to other construction projects.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5-28-76
Contract Amount: $1,874,234.66
Work Started: 8-5-76

Hilde Construction Company and
Maronick Construction (JV)
East Helena, Montana
Bruce Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327
Contract Time: 180 Working Days
Probable Compl. Date: 9-15-77

continued...

RS 444 (3) Utica-Windham continued...

Progress the past reporting period has been good. 11,963 cu. yds of Unclassified Excavation have been moved for a total to date of 435,291 cu. yds. or 65% complete. 3321 cu. yds. of topsoil were placed making this item 5% complete. 19,043 tons of C.B.C. Type A Grade 5 were placed making this item 11% complete. 18 cu. yds. of Class DD Concrete were poured making this item 31% complete. Major and minor drainage installations are 75% complete. Borrow remains at 94% complete and fencing remains at 94% complete.

The contractor has 50 men employed and is working two 9-hour shifts per day, 5 days per week on the grading operation and one 9-hour shift per day, 5 days per week on the gravel operation. The project is 38% complete with 42% of the contract time elapsed. Construction layout is 83% complete with a 14 man engineering and inspection crew assigned to the project.

RS 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surfacing, Plant Mix Surfacing, Drain, Seal and Cover, Signing and Construct 85.0 Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3-31-76
Contract Amount: $1,001,089.52
Work Started: 4-19-76

Zook Brothers Construction Co.
P. O. Box 2025
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 175 Working Days
Probable Compl. Date: 6-1-77

Progress the past two weeks has been good. The contractor worked ten 10-hour shifts, employing an average of 18 men. Work consisted of producing and placing 21,265 tons of 1" Plant Mix Base, using 1026 tons of 200-300 Asphalt Cement. The contractor anticipates completion of Plant Mix Operations October 15, 1976. Subcontractor, Western Signs, moved on project October 14, 1976, to begin guardrail and signing operations. The project as a whole is approximately 90% complete with 58% of the contract time elapsed. An eight-man engineering crew is assigned to the project inspection and layout.

BRIDGE: The bridge portion of this project was completed and inspected by R.Tobel of the Helena construction office on September 7, 1976. Mackin Construction Co. has removed the PTW Bridge and moved all personnel and equipment off project.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section

RWF/JHP/jrw

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

October 15, 1976

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

October 15, 1976

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	27	5 OCT. 1977	R. J. Studer & Sons $2,759,751.00
FHP 43-1(4)	Yellowstone Canyon Highway - Bridge over Yellowstone River and Gardiner Street	1.362	Grading, Base, PMS, Bridge Widening	91	97 JUNE 1976 (Work Resumed)	Weyher Construction Co. $1,515,936.36